

Supplementary Materials for
Biosynthesis of nano selenium in plants

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Tables S1 to S96

The following tables include the raw data for every sp-ICP-MS analysis that was included in this study. While Figures 1 to 4 show a focused view on the main share of SeNP the following tables give a full list of particles.

Table S1.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	0	0	0
34	0	0	0
35	7	8	10
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	19	26	20
41	0	0	0
42	0	0	0
43	0	0	0
44	37	34	24
45	0	0	0
46	0	0	0
47	39	40	31
48	0	0	0
49	0	0	0
50	45	34	52
51	0	0	0
52	0	0	0
53	30	15	27
54	0	0	0
55	12	18	14
56	0	0	0
57	11	10	10
58	0	0	0
59	5	13	4
60	0	0	0
61	7	6	8
62	0	0	0

63	3	9	5
64	0	0	0
65	2	4	3
66	2	3	1
67	0	0	0
68	0	3	5
69	3	1	4
70	0	0	0
71	3	2	3
72	1	1	3
73	0	0	0
74	1	0	0
75	0	1	1
76	1	2	3
77	2	1	0
78	1	0	1
79	0	1	1
80	0	0	0
81	1	0	1
82	1	0	0
83	0	2	0
84	2	0	0
85	1	1	0
86	0	0	1
87	2	1	2
88	0	0	0
89	0	0	1
90	0	0	1
91	1	1	0
92	0	2	0
93	0	0	1
94	0	0	0
95	1	0	0
96	0	0	0
97	0	0	2
98	0	0	0
99	0	0	0
100	0	0	0
101	0	0	0
102	0	0	0
103	0	0	0
104	0	0	0
105	0	0	0
106	0	0	0
107	0	0	0
108	0	1	0

109	0	0
110	0	0
111	0	1
112	0	
113	0	
114	0	
115	0	
116	0	
117	0	
118	0	
119	0	
120	0	
121	0	
122	0	
123	1	

Size and frequency of SeNP detected in: Brown Mustard Replicate 1 Plant 1 Root.

Table S2.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	0	0	0
34	0	0	0
35	1	4	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	8	10	0
41	0	0	0
42	0	0	0
43	0	0	0
44	6	26	0
45	0	0	0
46	0	0	0
47	5	27	0
48	0	0	0
49	0	0	0
50	17	33	0
51	0	0	0
52	0	0	0
53	14	14	0
54	0	0	0
55	11	14	0
56	0	0	0
57	10	10	0
58	0	0	0
59	11	6	0
60	0	0	0
61	2	6	0
62	0	0	0
63	4	2	0
64	0	0	0
65	2	5	0
66	4	9	0
67	0	0	0
68	4	2	0
69	0	2	0

70	0	0	0
71	0	2	0
72	1	2	0
73	0	0	0
74	2	2	0
75	1	2	0
76	1	3	1
77	1	0	0
78	3	0	1
79	0	0	0
80	0	0	0
81	1	0	0
82	0	1	0
83	0	0	0
84	0	1	1
85	0	0	0
86	1	0	0
87	0	2	0
88	0	0	1
89	0	0	0
90	0	0	0
91	0	0	1
92	1	0	0
93	0	1	0
94	1	0	0
95	0	0	0
96	0	0	0
97	1	0	0
98	0	0	0
99	0	0	0
100	0	0	0
101	0	0	0
102	0	0	0
103	0	1	0
104	0	0	0
105	0	1	0
106	0	0	0
107	0	0	0
108	1	0	0
109	0	0	0
110	1	0	0
111	0	0	0
112	0	0	0
113	0	0	0
114	0	1	0
115	0	0	0

116	0	0	0
117	0	0	0
118	0	0	0
119	0	0	0
120	1	0	0
121	0	0	0
122	0	0	0
123	1	0	0
124	0	0	0
125	0	0	0
126	0	0	0
127	0	0	0
128	0	0	0
129	0	0	0
130	0	0	0
131	0	0	0
132	0	0	0
133	1	0	0
134		0	0
135		0	0
136		0	0
137		1	0
138			0
139			0
140			0
141			0
142			0
143			0
144			0
145			0
146			0
147			0
148			0
149			0
150			0
151			0
152			0
153			0
154			0
155			0
156			0
157			0
158			0
159			0
160			0
161			0

162	0
163	0
164	0
165	0
166	0
167	0
168	0
169	1

Size and frequency of SeNP detected in: Brown Mustard Replicate 1 Plant 2 Root.

Table S3.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	0	0	0
34	0	0	0
35	38	14	17
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	65	29	25
41	0	0	0
42	0	0	0
43	0	0	0
44	99	29	39
45	0	0	0
46	0	0	0
47	155	50	38
48	0	0	0
49	0	0	0
50	64	39	65
51	0	0	0
52	0	0	0
53	28	23	17
54	0	0	0
55	20	15	6
56	0	0	0
57	12	13	8
58	0	0	0
59	8	12	5
60	0	0	0
61	3	7	6
62	0	0	0
63	6	3	5
64	0	0	0
65	3	0	5
66	1	2	4
67	0	0	0
68	2	4	3

69	4	1	1
70	0	0	0
71	0	1	1
72	2	1	1
73	0	0	0
74	0	1	2
75	0	1	1
76	0	2	1
77	0	1	1
78	0	0	0
79	0	0	0
80	0	0	0
81	0	1	0
82	0	1	0
83	0	0	0
84	1	0	0
85	1	0	0
86	0	0	1
87	1	0	0
88		0	1
89		0	0
90		0	0
91		0	0
92		1	0
93		0	1
94		0	
95		0	
96		0	
97		1	
98		0	
99		0	
100		0	
101		0	
102		0	
103		1	

Size and frequency of SeNP detected in: Brown Mustard Replicate 1 Plant 3 Root.

Table S4.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	0	0	0
34	0	0	0
35	12	5	10
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	29	6	18
41	0	0	0
42	0	0	0
43	0	0	0
44	30	12	24
45	0	0	0
46	0	0	0
47	48	9	49
48	0	0	0
49	0	0	0
50	33	15	15
51	0	0	0
52	0	0	0
53	14	12	14
54	0	0	0
55	12	7	6
56	0	0	0
57	0	0	0
58	7	4	5
59	0	0	0
60	4	3	6
61	3	1	3
62	0	0	0
63	4	0	1
64	0	0	0
65	2	4	4
66	0	0	0
67	2	0	2
68	0	1	1
69	0	0	0

70	0	0	0
71	2	1	1
72	0	0	0
73	0	0	0
74	0	1	2
75	1	0	1
76	1	1	0
77		0	0
78		0	0
79		0	0
80		1	1
81		0	
82		1	
83		1	
84		1	
85		0	
86		0	
87		0	
88		0	
89		0	
90		0	
91		0	
92		0	
93		0	
94		0	
95		0	
96		0	
97		0	
98		0	
99		0	
100		0	
101		0	
102		0	
103		0	
104		0	
105		0	
106		0	
107		0	
108		0	
109		0	
110		0	
111		0	
112		0	
113		0	
114		0	
115		0	

116	0
117	0
118	0
119	0
120	0
121	0
122	0
123	0
124	0
125	1
126	0
127	1

Size and frequency of SeNP detected in: Brown Mustard Replicate 2 Plant 1 Root.

Table S5.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
28	0	0	1
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	0	0	0
34	0	0	0
35	23	8	28
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	29	32	53
41	0	0	0
42	0	0	0
43	0	0	0
44	33	54	57
45	0	0	0
46	0	0	0
47	63	66	66
48	0	0	0
49	0	0	0
50	20	33	35
51	0	0	0
52	0	0	0
53	16	20	19
54	0	0	0
55	6	13	16
56	0	0	0
57	0	0	0
58	9	8	11
59	0	0	0
60	4	3	9
61	5	6	7
62	0	0	0
63	4	3	5
64	0	0	0
65	2	5	3
66	0	0	0
67	2	0	4
68	1	0	3
69	0	0	0

70	1	0	2
71	2	1	2
72	2	1	2
73	0	0	0
74	1	1	3
75	1	0	1
76	1	0	1
77	1	2	0
78	0	0	0
79	0	0	0
80	2	0	0
81	2	2	2
82	0	0	0
83	0	0	0
84	0	0	0
85	0	0	0
86	1	0	0
87	0	0	0
88	0	0	0
89	0	1	0
90	0	0	0
91	0	0	0
92	0	0	1
93	0	1	0
94	0	0	0
95	0	1	0
96	0		1
97	0		0
98	0		0
99	0		0
100	0		1
101	0		
102	0		
103	0		
104	0		
105	0		
106	0		
107	0		
108	0		
109	0		
110	0		
111	0		
112	0		
113	0		
114	0		
115	0		

116	0
117	0
118	0
119	0
120	0
121	0
122	0
123	1

Size and frequency of SeNP detected in: Brown Mustard Replicate 2 Plant 2 Root.

Table S6.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	0	0	0
34	0	0	0
35	12	10	6
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	35	33	26
41	0	0	0
42	0	0	0
43	0	0	0
44	28	32	37
45	0	0	0
46	0	0	0
47	60	52	57
48	0	0	0
49	0	0	0
50	14	15	25
51	0	0	0
52	0	0	0
53	9	9	11
54	0	0	0
55	4	5	7
56	0	0	0
57	0	0	0
58	4	5	3
59	0	0	0
60	2	1	1
61	2	3	2
62	0	0	0
63	0	1	1
64	0	0	0
65	3	1	2
66	0	0	0
67	2	1	0
68	1	1	2
69	0	0	0

70	0	0	1
71	0	0	0
72	0	0	0
73	0	0	0
74	0	0	0
75	1	3	0
76	1	0	0
77	1	0	0
78	0	0	0
79	1	1	0
80	0	0	0
81	0	0	0
82	3	1	0
83	0	0	0
84	0	0	0
85	0	0	0
86	0	0	1
87	0	0	1
88	0	0	0
89	0	0	0
90	0	0	0
91	0	0	0
92	0	0	0
93	0	0	0
94	0	0	0
95	0	0	0
96	1	0	0
97		0	0
98		0	0
99		0	0
100		0	0
101		1	0
102			1

Size and frequency of SeNP detected in: Brown Mustard Replicate 2 Plant 3 Root.

Table S7.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
28	0	5	0
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	0	0	0
34	0	0	0
35	12	60	5
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	25	92	13
41	0	0	0
42	0	0	0
43	0	0	0
44	17	109	20
45	0	0	0
46	0	0	0
47	29	34	13
48	0	0	0
49	0	0	0
50	10	11	9
51	0	0	0
52	0	0	0
53	8	5	6
54	0	0	0
55	1	3	3
56	0	0	0
57	7	2	1
58	0	0	0
59	7	6	3
60	0	0	0
61	1	2	2
62	0	0	0
63	0	0	0
64	0	0	0
65	0	2	1
66	2	0	3
67	0	0	0
68	1	2	0
69	1	0	1

70	0	0	0
71	1	1	0
72	0	0	1
73	0	0	0
74	0	0	0
75	1	0	0
76	0	0	1
77	0	0	0
78	0	0	1
79	1	0	0
80	0	0	0
81	0	0	0
82	0	0	0
83	0	0	0
84	0	1	0
85	0	1	0
86	0		0
87	0		1
88	0		2
89	0		0
90	0		0
91	0		0
92	0		0
93	0		0
94	0		0
95	0		0
96	0		0
97	0		1
98	0		
99	0		
100	0		
101	0		
102	0		
103	0		
104	1		

Size and frequency of SeNP detected in: Brown Mustard Replicate 1 Plant 1 Shoot.

Table S8.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
28	728	748	15
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	0	0	0
34	0	0	0
35	3941	3806	132
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	319	296	200
41	0	0	0
42	0	0	0
43	0	0	0
44	24	24	22
45	0	0	0
46	0	0	0
47	5	1	5
48	0	0	0
49	0	0	0
50	1	4	2
51	0	0	0
52	0	0	0
53	0	3	2
54	0	0	0
55	0	0	2
56	0	0	0
57	1	0	0
58		0	0
59		0	0
60		0	0
61		1	0
62			0
63			0
64			0
65			0
66			1
67			0
68			0
69			0

70	0
71	0
72	0
73	0
74	0
75	0
76	0
77	0
78	0
79	0
80	0
81	0
82	0
83	0
84	0
85	0
86	0
87	0
88	1

Size and frequency of SeNP detected in: Brown Mustard Replicate 1 Plant 2 Shoot.

Table S9.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
28	0	38	32
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	0	0	0
34	0	0	0
35	0	198	183
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	1	301	289
41	0	0	0
42	0	0	0
43	0	0	0
44	1	38	22
45	0	0	0
46	0	0	0
47	2	7	9
48	0	0	0
49	0	0	0
50	0	4	3
51	0	0	0
52	0	0	0
53	0	1	1
54	0	0	0
55	1	0	1
56	0	0	0
57	0	0	0
58	0	0	0
59	0	0	0
60	0	0	0
61	0	1	0
62	0	0	0
63	0	0	0
64	0	0	0
65	0	0	0
66	0	2	0
67	0	0	0
68	0	0	0
69	0	1	0

70	0	0	0
71	0	0	0
72	0	0	1
73	0	0	
74	1	1	
75	0	0	
76	0	0	
77	0	0	
78	0	0	
79	0	0	
80	0	0	
81	0	0	
82	0	0	
83	0	0	
84	0	0	
85	0	1	
86	0	0	
87	0	0	
88	0	0	
89	0	0	
90	0	0	
91	0	0	
92	0	0	
93	0	0	
94	0	0	
95	0	0	
96	0	0	
97	0	0	
98	0	0	
99	0	0	
100	0	0	
101	0	0	
102	0	1	
103	0		
104	0		
105	0		
106	0		
107	0		
108	0		
109	0		
110	0		
111	0		
112	0		
113	0		
114	0		
115	0		

116	0
117	0
118	0
119	0
120	0
121	0
122	0
123	0
124	0
125	0
126	0
127	0
128	0
129	0
130	0
131	0
132	0
133	0
134	0
135	0
136	0
137	0
138	0
139	0
140	0
141	0
142	0
143	0
144	0
145	0
146	0
147	0
148	0
149	0
150	0
151	0
152	0
153	0
154	0
155	0
156	0
157	0
158	0
159	0
160	0
161	0

162	0
163	0
164	0
165	0
166	0
167	0
168	0
169	0
170	0
171	0
172	0
173	0
174	0
175	0
176	0
177	0
178	0
179	0
180	0
181	0
182	0
183	0
184	0
185	0
186	0
187	0
188	0
189	0
190	0
191	0
192	0
193	0
194	0
195	0
196	0
197	0
198	0
199	0
200	0
201	0
202	0
203	0
204	0
205	0
206	0
207	0

208	0
209	0
210	0
211	0
212	0
213	0
214	0
215	0
216	0
217	0
218	0
219	0
220	0
221	0
222	0
223	0
224	0
225	0
226	0
227	0
228	0
229	0
230	0
231	0
232	0
233	0
234	0
235	0
236	0
237	0
238	0
239	0
240	0
241	0
242	0
243	0
244	0
245	0
246	0
247	0
248	0
249	0
250	0
251	0
252	0
253	0

254	0
255	0
256	0
257	0
258	0
259	0
260	0
261	0
262	0
263	0
264	0
265	0
266	0
267	0
268	0
269	1

Size and frequency of SeNP detected in: Brown Mustard Replicate 1 Plant 3 Shoot.

Table S10.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	0	0	0
34	0	0	0
35	49	49	43
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	95	103	90
41	0	0	0
42	0	0	0
43	0	0	0
44	220	208	184
45	0	0	0
46	0	0	0
47	44	64	31
48	0	0	0
49	0	0	0
50	9	15	7
51	0	0	0
52	0	0	0
53	8	3	4
54	0	0	0
55	1	1	2
56	0	0	0
57	0	0	0
58	0	0	0
59	0	0	0
60	2	0	3
61	1	1	0
62	0	0	0
63	0	1	0
64	0		0
65	1		1
66	0		
67	0		
68	0		
69	0		

70	0
71	0
72	0
73	0
74	0
75	0
76	0
77	0
78	0
79	0
80	0
81	0
82	0
83	0
84	1

Size and frequency of SeNP detected in: Brown Mustard Replicate 2 Plant 1 Shoot.

Table S11.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
28	2	2	0
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	0	0	0
34	0	0	0
35	73	60	9
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	100	102	13
41	0	0	0
42	0	0	0
43	0	0	0
44	117	108	16
45	0	0	0
46	0	0	0
47	26	39	25
48	0	0	0
49	0	0	0
50	9	10	7
51	0	0	0
52	0	0	0
53	3	2	3
54	0	0	0
55	7	3	3
56	0	0	0
57	0	0	0
58	0	1	1
59	0	0	0
60	2	0	3
61	0	0	2
62	0	0	0
63	0	1	1
64	0	0	0
65	1	0	0
66	0	0	0
67	1	0	0
68	0	1	0
69	0	0	0

70	0	1	1
71	1	0	3
72	0	0	0
73	0	0	0
74	0	0	0
75	0	1	0
76	0	0	0
77	0	0	0
78	0	0	0
79	0	0	0
80	0	0	0
81	1	0	0
82	0	1	1
83	0	0	0
84	0	0	1
85	0	0	0
86	0	0	0
87	0	0	0
88	0	0	0
89	0	0	0
90	0	0	0
91	0	0	0
92	0	0	0
93	0	0	0
94	0	0	0
95	0	1	1
96	0	0	0
97	0	0	0
98	0	0	0
99	0	1	0
100	0		1
101	0		0
102	0		0
103	0		0
104	0		0
105	0		0
106	0		0
107	0		0
108	0		0
109	0		1
110	0		
111	0		
112	0		
113	1		

Size and frequency of SeNP detected in: Brown Mustard Replicate 2 Plant 2 Shoot.

Table S12.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	0	0	0
34	0	0	0
35	4	5	1
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	21	13	8
41	0	0	0
42	0	0	0
43	0	0	0
44	26	22	12
45	0	0	0
46	0	0	0
47	32	25	7
48	0	0	0
49	0	0	0
50	29	33	14
51	0	0	0
52	0	0	0
53	22	20	18
54	0	0	0
55	12	14	8
56	0	0	0
57	0	0	0
58	16	5	7
59	0	0	0
60	8	9	3
61	0	3	6
62	0	0	0
63	7	2	5
64	0	0	0
65	2	2	1
66	0	0	0
67	1	4	3
68	6	2	7
69	0	0	0

70	3	3	1
71	3	1	3
72	0	2	1
73	0	0	0
74	3	1	2
75	0	2	2
76	3	1	1
77	1	1	1
78	0	0	0
79	1	1	2
80	1	1	1
81	0	1	0
82	0	0	0
83	0	1	1
84	1	0	0
85	0	0	1
86	0	0	0
87	1	0	0
88	1	0	0
89	1	0	0
90	0	1	1
91	0	0	0
92	1	1	0
93	0	0	0
94	0	0	0
95	0	1	0
96	1	0	0
97	0	0	1
98	0	1	0
99	0		0
100	0		0
101	0		0
102	0		0
103	0		0
104	0		0
105	0		0
106	0		1
107	0		0
108	0		0
109	0		0
110	0		0
111	1		0
112			0
113			0
114			1
115			0

116	0
117	0
118	0
119	0
120	0
121	0
122	1

Size and frequency of SeNP detected in: Brown Mustard Replicate 2 Plant 3 Shoot.

Table S13.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
28	166	181	172
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	0	0	0
34	0	0	0
35	1161	1138	1171
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	74	69	57
41	0	0	0
42	0	0	0
43	0	0	0
44	4	6	9
45	0	0	0
46	0	0	0
47	0	0	0
48	1	1	2
49	0		0
50	0		0
51	1		0
52	0		0
53	1		0
54	0		0
55	0		0
56	0		0
57	0		0
58	0		1
59	0		0
60	0		1
61	0		0
62	0		0
63	0		0
64	0		0
65	0		0
66	0		0
67	0		0
68	0		0
69	0		1

70	0
71	0
72	0
73	0
74	0
75	0
76	0
77	0
78	0
79	0
80	0
81	0
82	0
83	0
84	0
85	0
86	1

Size and frequency of SeNP detected in: Barley Replicate 1 Plant 1 Root.

Table S14.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
28	386	417	382
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	0	0	0
34	0	0	0
35	2178	2080	2082
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	159	148	164
41	0	0	0
42	0	0	0
43	0	0	0
44	20	12	18
45	0	0	0
46	0	0	0
47	0	0	0
48	2	4	7
49	0	0	0
50	0	0	0
51	0	1	1
52	0	0	0
53	0	1	0
54	0	0	0
55	0	0	0
56	0	0	0
57	0	0	0
58	0	0	0
59	0	0	0
60	0	1	1
61	0	0	0
62	0	0	0
63	0	0	0
64	0	0	0
65	0	0	0
66	0	0	0
67	0	0	0
68	0	0	0
69	0	0	0

70	0	1	0
71	0		0
72	0		0
73	0		0
74	0		0
75	0		0
76	0		0
77	0		0
78	0		0
79	0		0
80	0		0
81	0		0
82	0		0
83	0		0
84	0		0
85	0		1
86	0		
87	0		
88	0		
89	0		
90	0		
91	0		
92	0		
93	0		
94	0		
95	0		
96	0		
97	0		
98	0		
99	0		
100	0		
101	0		
102	0		
103	0		
104	0		
105	0		
106	0		
107	0		
108	0		
109	1		

Size and frequency of SeNP detected in: Barley Replicate 1 Plant 2 Root.

Table S15.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
28	11	23	20
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	0	0	0
34	0	0	0
35	111	115	116
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	181	195	201
41	0	0	0
42	0	0	0
43	0	0	0
44	23	29	24
45	0	0	0
46	0	0	0
47	0	0	0
48	12	8	7
49	0	0	0
50	0	0	0
51	6	4	5
52	0	0	0
53	4	0	1
54	0	0	0
55	0	0	0
56	4	3	2
57	0	0	0
58	3	5	2
59	0	0	0
60	1	1	1
61	0	0	0
62	0	1	2
63	0	0	0
64	1	1	1
65	0	1	0
66	0	0	0
67	1	0	0
68	0	0	0
69	1	0	0

70	0	0	0
71	0	1	0
72	0	0	0
73	1	0	0
74	0	0	0
75	0	1	1
76	0	0	0
77	0	0	0
78	0	0	0
79	0	1	1
80	0	0	0
81	0	1	0
82	0	0	0
83	0	0	0
84	0	0	0
85	0	0	1
86	0	0	
87	0	0	
88	0	0	
89	0	0	
90	0	0	
91	0	0	
92	0	0	
93	0	0	
94	0	0	
95	0	0	
96	0	0	
97	0	0	
98	0	0	
99	0	0	
100	0	0	
101	0	0	
102	0	1	
103	0		
104	0		
105	0		
106	0		
107	0		
108	0		
109	0		
110	0		
111	0		
112	0		
113	0		
114	0		
115	0		

Size and frequency of SeNP detected in: Barley Replicate 1 Plant 3 Root.

Table S16.

Diameter (nm)	Run 1 Frequency	Run 2 Frequency	Run 3 Frequency
28	10	9	4
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	0	0	0
34	0	0	0
35	81	90	71
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	129	118	138
41	0	0	0
42	0	0	0
43	0	0	0
44	151	175	156
45	0	0	0
46	0	0	0
47	23	20	35
48	0	0	0
49	0	0	0
50	10	5	5
51	0	0	0
52	0	0	0
53	4	2	5
54	0	0	0
55	4	4	2
56	0	0	0
57	0	0	0
58	2	1	2
59	0	0	0
60	2	1	1
61	2	0	1
62	0	0	0
63	0	1	1
64	0	0	0
65	2	1	0
66	0	0	0
67	0	1	1
68	1	0	

69	0	0
70	0	0
71	0	0
72	0	0
73	0	0
74	0	0
75	1	0
76	0	0
77	0	0
78	0	0
79	0	0
80	0	0
81	0	0
82	1	0
83		0
84		1

Size and frequency of SeNP detected in: Barley Replicate 2 Plant 1 Root

Table S17.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	0	0	0
34	0	0	0
35	5	6	18
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	10	16	41
41	0	0	0
42	0	0	0
43	0	0	0
44	22	18	55
45	0	0	0
46	0	0	0
47	14	16	80
48	0	0	0
49	0	0	0
50	23	30	27
51	0	0	0
52	0	0	0
53	12	11	15
54	0	0	0
55	6	5	8
56	0	0	0
57	0	0	0
58	2	6	7
59	0	0	0
60	3	9	0
61	4	3	3
62	0	0	0
63	2	3	2
64	0	0	0
65	5	1	2
66	0	0	0
67	2	3	0
68	2	3	3
69	0	0	0

70	1	1	0
71	1	2	0
72	1	0	0
73	0	0	0
74	1	0	1
75	1	0	0
76	0	0	0
77	0	1	1
78	0	0	0
79	0	0	0
80	1	0	0
81	1	1	0
82	0	1	0
83	0	0	0
84	1	0	0
85	0	0	0
86	0	0	0
87	0	0	0
88	0	0	0
89	0	1	1
90	0		0
91	0		0
92	0		0
93	0		0
94	0		0
95	0		0
96	0		0
97	0		0
98	0		0
99	0		0
100	1		0
101	0		0
102	0		1
103	0		
104	0		
105	0		
106	0		
107	0		
108	0		
109	0		
110	0		
111	0		
112	0		
113	0		
114	0		
115	0		

116	0
117	0
118	0
119	0
120	0
121	0
122	0
123	0
124	0
125	0
126	0
127	0
128	0
129	0
130	0
131	0
132	0
133	0
134	0
135	0
136	1

Size and frequency of SeNP detected in: Barley Replicate 2 Plant 2 Root

Table S18.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
28	0	0	0
29	0	0	0
30	0	0	0
31	69	7	7
32	0	0	0
33	0	0	0
34	0	0	0
35	137	37	18
36	0	0	0
37	0	0	0
38	0	0	0
39	236	25	30
40	0	0	0
41	44	46	31
42	0	0	0
43	0	0	0
44	12	9	3
45	0	0	0
46	1	0	0
47	0	0	0
48	0	0	0
49	1	0	1
50		0	
51		0	
52		0	
53		0	
54		0	
55		0	
56		0	
57		0	
58		0	
59		0	
60		0	
61		1	

Size and frequency of SeNP detected in: Barley Replicate 2 Plant 3 Root

Table S19.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
28	27528	27024	27021
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	0	0	0
34	0	0	0
35	852	872	824
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	45	40	52
41	0	0	0
42	0	0	0
43	0	0	0
44	1	3	4
45	0		0
46	0		0
47	0		0
48	0		0
49	0		0
50	0		0
51	1		0
52			0
53			1
54			0
55			0
56			1

Size and frequency of SeNP detected in: Barley Replicate 1 Plant 1 Shoot

Table S20.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
28	378	152	186
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	0	0	0
34	0	0	0
35	1227	1147	1173
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	79	63	62
41	0	0	0
42	0	0	0
43	0	0	0
44	7	1	4
45	0	0	0
46	0	0	0
47	0	0	0
48	1	4	2
49	0	0	0
50	0	0	0
51	1	0	1
52	0	0	
53	0	0	
54	0	0	
55	0	0	
56	0	0	
57	0	0	
58	0	0	
59	0	0	
60	0	0	
61	0	0	
62	0	0	
63	0	0	
64	0	0	
65	0	0	
66	0	0	
67	0	0	
68	0	0	
69	0	0	

70	0	0
71	0	0
72	0	0
73	0	0
74	0	1
75	0	
76	0	
77	0	
78	0	
79	0	
80	0	
81	0	
82	0	
83	0	
84	0	
85	0	
86	0	
87	0	
88	0	
89	0	
90	0	
91	0	
92	0	
93	0	
94	0	
95	0	
96	0	
97	0	
98	0	
99	0	
100	0	
101	0	
102	0	
103	0	
104	0	
105	0	
106	0	
107	0	
108	0	
109	0	
110	0	
111	0	
112	1	

Size and frequency of SeNP detected in: Barley Replicate 1 Plant 2 Shoot

Table S21.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
32	4	13	530
33	0	0	0
34	0	0	0
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	103	2809
40	44	0	0
41	0	0	0
42	0	0	0
43	0	0	0
44	0	185	245
45	68	0	0
46	0	0	0
47	0	0	0
48	0	19	22
49	0	0	0
50	70	0	0
51	0	0	0
52	0	6	3
53	0	0	0
54	8	0	0
55	0	0	2
56	0	0	0
57	2	2	1
58		0	
59		0	
60		0	
61		0	
62		0	
63		0	
64		1	
65		0	
66		0	
67		0	
68		0	
69		0	
70		0	
71		0	
72		0	
73		0	

74	0
75	0
76	0
77	0
78	0
79	0
80	0
81	0
82	0
83	0
84	0
85	0
86	0
87	0
88	0
89	0
90	0
91	0
92	0
93	0
94	0
95	0
96	0
97	0
98	1

Size and frequency of SeNP detected in: Barley Replicate 1 Plant 3 Shoot

Table S22.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
28	25	28	12
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	0	0	0
34	0	0	0
35	174	180	163
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	342	362	294
41	0	0	0
42	0	0	0
43	0	0	0
44	57	57	41
45	0	0	0
46	0	0	0
47	19	12	13
48	0	0	0
49	0	0	0
50	8	6	4
51	0	0	0
52	0	0	0
53	3	2	0
54	0	0	0
55	3	2	2
56	0	0	0
57	0	0	0
58	3	1	5
59	0	0	0
60	0	2	0
61	1	3	1
62	0	0	0
63	0	0	0
64	0	0	0
65	1	0	1
66	0	0	0
67	0	0	0
68	0	0	0
69	0	0	0

70	1	2	0
71	0	0	2
72	0	0	0
73	0	0	0
74	0	0	0
75	0	0	1
76	0	0	0
77	0	0	0
78	0	0	0
79	0	0	0
80	0	0	0
81	0	0	0
82	1	0	0
83	0	0	0
84	0	0	0
85	0	0	1
86	0	0	0
87	0	1	0
88	0	0	0
89	0	0	0
90	0	0	0
91	0	0	0
92	1	0	0
93	0	0	0
94	0	0	0
95	0	1	0
96	0	0	0
97	0	0	0
98	0	0	0
99	0	0	0
100	0	0	0
101	0	0	0
102	0	0	0
103	0	0	0
104	0	0	0
105	0	1	0
106	0	0	0
107	0	0	0
108	0	0	0
109	0	0	0
110	0	0	0
111	0	0	0
112	0	0	0
113	0	0	1
114	0	0	
115	0	0	

116	0	0
117	0	0
118	0	0
119	0	0
120	0	0
121	0	0
122	0	0
123	0	0
124	0	0
125	0	0
126	0	0
127	0	0
128	0	0
129	0	0
130	0	0
131	0	0
132	0	0
133	0	0
134	0	0
135	0	0
136	0	0
137	0	0
138	0	0
139	0	0
140	0	0
141	0	0
142	0	0
143	0	0
144	0	0
145	0	0
146	0	0
147	0	0
148	0	1
149	0	
150	0	
151	0	
152	0	
153	0	
154	0	
155	0	
156	0	
157	0	
158	0	
159	0	
160	0	
161	0	

162	0
163	0
164	0
165	0
166	0
167	0
168	0
169	0
170	0
171	0
172	0
173	0
174	0
175	0
176	0
177	0
178	0
179	0
180	0
181	0
182	0
183	0
184	0
185	0
186	0
187	0
188	0
189	0
190	1

Size and frequency of SeNP detected in: Barley Replicate 2 Plant 1 Shoot

Table S23.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
24	120	0	0
25	0	0	0
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	1253	328	332
32	0	0	0
33	0	0	0
34	0	0	0
35	83	440	363
36	0	0	0
37	0	0	0
38	0	0	0
39	4	336	333
40	0	0	0
41	2	225	190
42	0	0	0
43	0	0	0
44	0	85	74
45	0	0	0
46	0	45	39
47	0	0	0
48	0	0	0
49	0	30	26
50	1	24	14
51	0	0	0
52	0	15	10
53	0	0	0
54	0	8	3
55	0	0	0
56	0	9	5
57	1	2	3
58	0	1	3
59	0	0	0
60	0	2	0
61	1	2	2
62		0	0
63		0	0
64		0	0
65		1	0

66	2	2
67	3	1
68	0	0
69	0	0
70	0	0
71	0	0
72	0	1
73	0	0
74	0	0
75	0	0
76	0	0
77	0	0
78	0	1
79	0	0
80	0	0
81	0	0
82	0	1
83	1	0
84	0	1
85	0	0
86	0	0
87	1	0
88	0	1
89	0	0
90	0	0
91	0	1
92	0	0
93	0	0
94	0	0
95	0	0
96	0	1
97	0	
98	0	
99	0	
100	0	
101	0	
102	0	
103	0	
104	0	
105	0	
106	0	
107	0	
108	0	
109	0	
110	0	
111	1	

112	0
113	0
114	1
115	0
116	0
117	0
118	0
119	1
120	0
121	0
122	0
123	0
124	0
125	0
126	0
127	0
128	0
129	0
130	0
131	0
132	0
133	0
134	0
135	0
136	0
137	0
138	0
139	1

Size and frequency of SeNP detected in: Barley Replicate 2 Plant 2 Shoot

Table S24.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
28	4	2	5
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	0	0	0
34	0	0	0
35	60	61	67
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	96	110	117
41	0	0	0
42	0	0	0
43	0	0	0
44	116	120	152
45	0	0	0
46	0	0	0
47	30	27	34
48	0	0	0
49	0	0	0
50	10	7	13
51	0	0	0
52	0	0	0
53	6	5	6
54	0	0	0
55	3	5	1
56	0	0	0
57	0	0	0
58	3	1	5
59	0	0	0
60	1	3	2
61	5	2	3
62	0	0	0
63	2	0	2
64	0	0	0
65	4	3	0
66	0	0	0
67	2	2	1
68	3	1	0
69	0	0	0

70	1	1	2
71	2	0	0
72	1	0	0
73	0	0	0
74	1	0	0
75	0	2	0
76	1	1	1
77	0	0	0
78	0	0	0
79	2	0	0
80	0	0	1
81	0	1	1
82	0	1	0
83	2	0	0
84	0	1	1
85	0	2	0
86	0	1	0
87	0	1	0
88	0	0	0
89	2	0	0
90	0	1	0
91	0	0	0
92	0	0	0
93	0	0	0
94	0	0	0
95	0	0	2
96	0	0	0
97	0	1	0
98	0	0	0
99	0	1	0
100	1	0	0
101	0	0	0
102	0	0	0
103	0	0	0
104	0	0	0
105	0	0	0
106	1	0	0
107	0	0	0
108	0	0	0
109	0	0	0
110	0	0	0
111	0	0	0
112	0	0	0
113	0	0	0
114	0	0	0
115	0	0	0

116	0	0	0
117	0	1	0
118	0		0
119	0		0
120	0		0
121	0		0
122	0		0
123	0		0
124	0		0
125	0		1
126	0		0
127	0		0
128	0		0
129	1		0
130			0
131			0
132			0
133			0
134			0
135			0
136			0
137			0
138			1

Size and frequency of SeNP detected in: Barley Replicate 2 Plant 3 Shoot

Table S25.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
33	10	5	2
34	0	0	0
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	55	46	37
42	0	0	0
43	0	0	0
44	0	0	0
45	0	0	0
46	0	0	0
47	91	82	80
48	0	0	0
49	0	0	0
50	0	0	0
51	0	0	0
52	111	110	109
53	0	0	0
54	0	0	0
55	0	0	0
56	49	33	41
57	0	0	0
58	0	0	0
59	0	0	0
60	22	24	15
61	0	0	0
62	0	0	0
63	24	12	18
64	0	0	0
65	0	0	0
66	12	11	8
67	0	0	0
68	7	14	6
69	0	0	0
70	0	0	0
71	4	3	4
72	0	0	0
73	3	7	4
74	0	0	0

75	2	6	2
76	0	0	0
77	4	1	2
78	0	0	0
79	2	2	1
80	0	0	0
81	4	0	5
82	0	0	0
83	2	1	0
84	0	0	1
85	0	0	0
86	0	1	1
87	0	0	0
88	0	1	0
89	3	0	0
90	2	1	1
91	0	0	0
92	0	1	0
93	3	0	0
94	0	0	0
95	0	2	1
96	2	0	1
97	1	0	0
98	2	0	0
99	0	0	0
100	0	0	0
101	1	0	0
102	1	0	0
103	0	0	0
104	0	1	0
105	1	0	0
106	0	0	1
107	0	0	0
108	0	0	0
109	0	0	1
110	0	0	0
111	0	0	0
112	0	0	0
113	0	0	0
114	0	0	0
115	0	0	0
116	1	0	0
117	0	0	0
118	0	2	0
119	0	0	0
120	0	0	0

121	0	0	0
122	0	0	0
123	0	0	0
124	0	0	0
125	0	0	0
126	0	0	0
127	0	0	0
128	0	0	0
129	0	0	0
130	0	0	0
131	0	0	0
132	0	0	0
133	0	0	0
134	0	0	0
135	0	0	0
136	1	0	1
137	0	0	
138	1	0	
139	0	0	
140	0	0	
141	0	0	
142	0	0	
143	0	0	
144	0	0	
145	0	0	
146	0	0	
147	0	0	
148	0	0	
149	0	0	
150	1	0	
151		0	
152		0	
153		0	
154		0	
155		0	
156		0	
157		0	
158		0	
159		0	
160		0	
161		0	
162		0	
163		0	
164		0	
165		1	
166		0	

167	0
168	0
169	0
170	0
171	0
172	1

Size and frequency of SeNP detected in: Capsicum Replicate 1 Plant 1 Root

Table S26.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
33	0	0	0
34	0	0	0
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	18	10	9
42	0	0	0
43	0	0	0
44	0	0	0
45	0	0	0
46	0	0	0
47	27	17	22
48	0	0	0
49	0	0	0
50	0	0	0
51	0	0	0
52	48	25	26
53	0	0	0
54	0	0	0
55	0	0	0
56	37	32	34
57	0	0	0
58	0	0	0
59	0	0	0
60	23	15	14
61	0	0	0
62	0	0	0
63	9	12	7
64	0	0	0
65	0	0	0
66	11	3	4
67	0	0	0
68	5	1	4
69	0	0	0
70	0	0	0
71	4	2	2
72	0	0	0
73	0	4	2
74	0	0	0

75	1	1	2
76	0	0	0
77	2	4	2
78	0	0	0
79	0	2	1
80	0	0	0
81	2	0	1
82	0	0	0
83	0	0	0
84	0	0	1
85	0	0	0
86	0	1	2
87	0	0	0
88	2	0	1
89	0	0	0
90	2	0	1
91	0	0	0
92	0	1	0
93	0	0	0
94	0	0	0
95	0	0	0
96	1	0	1
97	0	2	0
98	0	0	0
99	0	0	0
100	0	0	1
101	0	0	0
102	0	0	0
103	0	0	0
104	0	0	0
105	0	0	0
106	0	0	0
107	0	0	0
108	0	0	0
109	0	0	0
110	0	0	0
111	0	0	0
112	0	0	0
113	0	0	0
114	0	0	0
115	0	0	0
116	0	0	0
117	0	0	0
118	0	0	1
119	0	0	
120	0	0	

121	0	0
122	0	0
123	0	0
124	0	0
125	0	0
126	0	0
127	0	0
128	0	0
129	0	0
130	0	0
131	0	0
132	0	0
133	0	0
134	0	0
135	0	0
136	0	0
137	0	0
138	0	0
139	0	0
140	0	0
141	0	0
142	1	0
143	0	0
144	0	0
145	0	0
146	0	0
147	0	0
148	0	0
149	0	0
150	0	0
151	0	0
152	1	0
153	0	0
154	0	0
155	0	0
156	1	0
157		0
158		0
159		0
160		0
161		1

Size and frequency of SeNP detected in: Capsicum Replicate 1 Plant 2 Root

Table S27.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
33	0	0	0
34	0	0	0
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	18	9	1
42	0	0	0
43	0	0	0
44	0	0	0
45	0	0	0
46	0	0	0
47	23	32	2
48	0	0	0
49	0	0	0
50	0	0	0
51	0	0	0
52	40	35	4
53	0	0	0
54	0	0	0
55	0	0	0
56	62	41	1
57	0	0	0
58	0	0	0
59	0	0	0
60	21	17	7
61	0	0	0
62	0	0	0
63	11	5	11
64	0	0	0
65	0	0	0
66	5	6	5
67	0	0	0
68	2	6	1
69	0	0	0
70	0	0	0
71	0	1	0
72	0	0	0
73	2	1	0

74	0	0	0
75	0	3	4
76	0	0	0
77	0	1	0
78	0	0	0
79	1	0	1
80	0	0	0
81	0	2	1
82	0	0	0
83	0	2	2
84	0	1	2
85	0	0	0
86	1	0	0
87	0	0	0
88	0	1	0
89	0		0
90	0		0
91	0		0
92	0		0
93	0		0
94	0		0
95	0		0
96	1		1
97			0
98			0
99			0
100			0
101			1
102			0
103			0
104			0
105			0
106			0
107			0
108			0
109			0
110			0
111			0
112			0
113			0
114			0
115			0
116			0
117			0
118			0
119			0

120	0
121	0
122	0
123	0
124	0
125	0
126	0
127	0
128	0
129	0
130	0
131	0
132	0
133	0
134	0
135	0
136	0
137	0
138	0
139	0
140	0
141	0
142	0
143	0
144	0
145	0
146	0
147	0
148	0
149	0
150	0
151	0
152	0
153	0
154	0
155	0
156	0
157	0
158	0
159	0
160	0
161	0
162	0
163	0
164	0
165	0

166	0
167	0
168	0
169	0
170	0
171	0
172	0
173	0
174	0
175	0
176	0
177	0
178	0
179	0
180	0
181	0
182	0
183	0
184	0
185	0
186	1

Size and frequency of SeNP detected in: Capsicum Replicate 1 Plant 3 Root

Table S28.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
34	0	0	0
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	122	216	199
44	0	0	0
45	0	0	0
46	0	0	0
47	0	0	0
48	0	0	0
49	0	0	0
50	152	314	238
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	127	250	209
56	0	0	0
57	0	0	0
58	0	0	0
59	103	116	130
60	0	0	0
61	0	0	0
62	0	0	0
63	64	62	51
64	0	0	0
65	0	0	0
66	44	35	26
67	0	0	0
68	0	0	0
69	35	30	32
70	0	0	0
71	0	0	0
72	20	31	17
73	0	0	0
74	22	11	15

75	0	0	0
76	0	0	0
77	13	18	12
78	0	0	0
79	15	8	10
80	0	0	0
81	5	5	9
82	0	0	0
83	7	5	8
84	0	0	0
85	7	10	6
86	0	0	0
87	8	9	7
88	0	0	0
89	3	3	4
90	2	3	6
91	0	0	0
92	6	6	2
93	3	4	5
94	0	0	0
95	4	2	2
96	0	0	0
97	4	3	4
98	2	0	2
99	1	1	5
100	0	0	0
101	2	0	3
102	3	3	1
103	2	2	2
104	0	0	0
105	5	4	2
106	3	2	4
107	1	2	2
108	1	0	0
109	1	0	1
110	2	0	2
111	0	0	0
112	1	2	0
113	1	2	1
114	1	3	0
115	3	0	1
116	0	0	1
117	0	1	1
118	2	1	1
119	0	2	1
120	2	1	1

121	1	1	0
122	0	0	0
123	0	0	0
124	1	1	0
125	0	1	0
126	0	1	0
127	1	0	1
128	0	0	1
129	0	0	0
130	0	0	0
131	1	0	0
132	0	2	0
133	2	0	0
134	0	0	1
135	0	0	1
136	0	2	2
137	1	0	0
138	1	0	1
139	0	0	1
140	1	0	0
141	0	1	1
142	2	0	0
143	2	0	0
144	0	0	0
145	0	0	0
146	0	0	0
147	0	1	0
148	0	0	1
149	0	0	0
150	1	0	0
151	0	0	0
152	0	0	0
153	0	0	0
154	0	0	0
155	0	0	0
156	0	0	0
157	0	1	0
158	1	0	0
159	0	0	0
160	0	0	0
161	0	0	0
162	0	0	0
163	0	0	0
164	0	0	0
165	0	0	0
166	0	0	0

167	1	0	0
168	0	0	0
169	0	0	0
170	0	0	0
171	0	0	0
172	1	0	0
173		0	0
174		0	0
175		0	0
176		0	0
177		0	0
178		0	0
179		0	0
180		0	0
181		0	0
182		0	0
183		0	0
184		0	0
185		0	0
186		0	0
187		0	0
188		0	0
189		0	0
190		0	0
191		0	0
192		0	0
193		0	0
194		0	0
195		0	0
196		0	0
197		0	0
198		0	0
199		0	0
200		0	0
201		0	0
202		0	0
203		0	0
204		0	0
205		0	0
206		0	0
207		0	0
208		0	0
209		0	0
210		0	0
211		0	0
212		0	0

213	0	0
214	0	0
215	0	0
216	0	0
217	0	0
218	0	0
219	0	0
220	0	0
221	0	0
222	0	0
223	0	0
224	0	0
225	0	0
226	0	0
227	0	0
228	1	0
229		0
230		0
231		0
232		0
233		0
234		0
235		0
236		0
237		0
238		0
239		0
240		0
241		0
242		0
243		0
244		1

Size and frequency of SeNP detected in: Capsicum Replicate 2 Plant 1 Root

Table S29.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
34	0	0	0
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	50	35	32
44	0	0	0
45	0	0	0
46	0	0	0
47	0	0	0
48	0	0	0
49	0	0	0
50	122	110	93
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	144	110	80
56	0	0	0
57	0	0	0
58	0	0	0
59	145	98	77
60	0	0	0
61	0	0	0
62	0	0	0
63	61	49	47
64	0	0	0
65	0	0	0
66	17	17	18
67	0	0	0
68	0	0	0
69	4	7	7
70	0	0	0
71	0	0	0
72	0	4	4
73	0	0	0
74	3	4	3

75	0	0	0
76	0	0	0
77	3	2	2
78	0	0	0
79	2	3	3
80	0	0	0
81	0	2	3
82	0	0	0
83	1	1	0
84	0	0	0
85	1	2	0
86	0	0	0
87	2	1	1
88	0	0	0
89	1	1	0
90	1	0	0
91	0	0	0
92	0	0	0
93	0	0	0
94	0	0	0
95	0	0	0
96	0	0	0
97	0	0	0
98	1	0	0
99	1	0	1
100	0	0	0
101	1	0	0
102	1	0	0
103	0	0	0
104	0	0	0
105	0	0	0
106	0	0	0
107	2	0	0
108		0	0
109		0	0
110		0	0
111		0	0
112		0	0
113		0	0
114		0	1
115		0	0
116		0	0
117		1	0
118		0	1
119		0	0
120		0	0

121	0	0
122	0	0
123	0	0
124	0	1
125	0	
126	0	
127	0	
128	0	
129	0	
130	0	
131	0	
132	1	
133	0	
134	0	
135	0	
136	0	
137	0	
138	0	
139	0	
140	0	
141	0	
142	0	
143	0	
144	0	
145	0	
146	0	
147	0	
148	0	
149	0	
150	0	
151	0	
152	0	
153	0	
154	0	
155	1	

Size and frequency of SeNP detected in: Capsicum Replicate 2 Plant 2 Root

Table S30.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
34	0	0	0
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	33
43	15	33	0
44	0	0	0
45	0	0	0
46	0	0	0
47	0	0	0
48	0	0	0
49	0	0	77
50	36	92	0
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	100
55	34	114	0
56	0	0	0
57	0	0	0
58	0	0	156
59	40	178	0
60	0	0	0
61	0	0	0
62	0	0	51
63	56	57	0
64	0	0	0
65	0	0	25
66	20	16	0
67	0	0	0
68	0	0	10
69	13	11	0
70	0	0	0
71	0	0	5
72	6	8	0
73	0	0	3
74	2	4	0

75	0	0	0
76	0	0	2
77	2	2	0
78	0	0	0
79	1	0	0
80	0	0	3
81	0	0	0
82	0	0	1
83	1	0	0
84	0	0	0
85	0	0	0
86	0	0	1
87	1	0	0
88	0	0	0
89	1	1	0
90	0	0	0
91	0	0	0
92	0	1	0
93	1	1	0
94	0	0	0
95	1	0	0
96		0	1
97		1	
98		0	
99		1	

Size and frequency of SeNP detected in: Capsicum Replicate 2 Plant 3 Root

Table S31.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
33	0	0	9
34	0	0	0
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	29	42	88
42	0	0	0
43	0	0	0
44	0	0	0
45	0	0	0
46	0	0	0
47	79	83	151
48	0	0	0
49	0	0	0
50	0	0	0
51	0	0	0
52	143	138	169
53	0	0	0
54	0	0	0
55	0	0	0
56	31	27	32
57	0	0	0
58	0	0	0
59	0	0	0
60	8	11	7
61	0	0	0
62	0	0	0
63	1	3	3
64	0	0	0
65	0	0	0
66	1	0	0
67	0	0	0
68	1	0	1
69	0	0	0
70	0	0	0
71	0	1	0
72	0	0	0
73	0	1	2

74	0	0
75	0	0
76	0	0
77	0	0
78	0	0
79	0	0
80	0	0
81	1	0
82	0	0
83	0	0
84	1	0
85	0	0
86	0	0
87	0	0
88	0	0
89	1	0
90		0
91		0
92		0
93		0
94		0
95		0
96		0
97		0
98		0
99		0
100		0
101		0
102		0
103		0
104		0
105		1

Size and frequency of SeNP detected in: Capsicum Replicate 1 Plant 1 Shoot

Table S32.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
33	374	421	424
34	0	0	0
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	2708	2686	2640
42	0	0	0
43	0	0	0
44	0	0	0
45	0	0	0
46	0	0	0
47	221	238	218
48	0	0	0
49	0	0	0
50	0	0	0
51	0	0	0
52	15	12	16
53	0	0	0
54	0	0	0
55	0	0	0
56	6	4	8
57	0	0	0
58	0	0	0
59	0	0	0
60	1	1	1
61	0	0	0
62	0	0	0
63	2	2	1
64	0	0	0
65	0	0	0
66	1	1	1
67			0
68			1
69			0
70			0
71			0
72			0
73			0

74	0
75	0
76	0
77	0
78	0
79	0
80	0
81	0
82	0
83	0
84	0
85	0
86	0
87	0
88	0
89	0
90	0
91	0
92	0
93	0
94	0
95	0
96	0
97	0
98	0
99	0
100	0
101	0
102	0
103	0
104	0
105	1
106	0
107	0
108	0
109	0
110	0
111	0
112	0
113	0
114	0
115	0
116	0
117	0
118	0
119	0

120	0
121	0
122	0
123	0
124	0
125	0
126	0
127	0
128	0
129	0
130	0
131	0
132	0
133	0
134	0
135	0
136	0
137	0
138	0
139	0
140	0
141	0
142	0
143	0
144	1

Size and frequency of SeNP detected in: Capsicum Replicate 1 Plant 2 Shoot

Table S33.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
33	2	2	6
34	0	0	0
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	51	68	34
42	0	0	0
43	0	0	0
44	0	0	0
45	0	0	0
46	0	0	0
47	72	87	79
48	0	0	0
49	0	0	0
50	0	0	0
51	0	0	0
52	109	91	105
53	0	0	0
54	0	0	0
55	0	0	0
56	35	29	37
57	0	0	0
58	0	0	0
59	0	0	0
60	22	19	20
61	0	0	0
62	0	0	0
63	10	11	9
64	0	0	0
65	0	0	0
66	9	8	10
67	0	0	0
68	4	2	5
69	0	0	0
70	0	0	0
71	7	4	4
72	0	0	0
73	2	3	1

74	0	0	0
75	3	2	6
76	0	0	0
77	3	1	2
78	0	0	0
79	0	2	1
80	0	0	0
81	1	1	3
82	0	0	0
83	0	1	0
84	3	1	1
85	0	0	0
86	1	0	1
87	0	0	0
88	1	0	0
89	2	0	1
90	1	0	0
91		0	0
92		0	1
93		0	0
94		0	0
95		0	0
96		0	0
97		0	0
98		0	0
99		0	0
100		0	0
101		0	0
102		0	0
103		0	0
104		0	0
105		0	0
106		0	0
107		1	0
108		0	0
109		0	0
110		0	0
111		0	0
112		0	1
113		0	0
114		0	0
115		0	0
116		0	0
117		0	0
118		0	0
119		0	0

120	0	0
121	0	0
122	0	0
123	0	0
124	0	0
125	0	0
126	0	0
127	0	0
128	0	0
129	0	0
130	0	0
131	0	0
132	0	0
133	0	0
134	0	0
135	0	0
136	0	0
137	0	0
138	0	0
139	0	0
140	0	0
141	0	0
142	0	0
143	0	0
144	0	0
145	0	1
146	0	
147	0	
148	0	
149	0	
150	0	
151	0	
152	0	
153	0	
154	0	
155	0	
156	0	
157	0	
158	0	
159	0	
160	0	
161	0	
162	0	
163	0	
164	0	
165	0	

166	0
167	0
168	0
169	0
170	0
171	0
172	0
173	0
174	0
175	0
176	0
177	0
178	0
179	0
180	0
181	0
182	0
183	0
184	0
185	0
186	0
187	0
188	1

Size and frequency of SeNP detected in: Capsicum Replicate 1 Plant 3 Shoot

Table S34.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
34	0	2	1
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	24	19	26
44	0	0	0
45	0	0	0
46	0	0	0
47	0	0	0
48	0	0	0
49	0	0	0
50	44	53	42
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	64	54	69
56	0	0	0
57	0	0	0
58	0	0	0
59	70	69	55
60	0	0	0
61	0	0	0
62	0	0	0
63	45	41	39
64	0	0	0
65	0	0	0
66	18	26	35
67	0	0	0
68	0	0	0
69	19	23	22
70	0	0	0
71	0	0	0
72	18	14	19
73	0	0	0
74	11	14	7

75	0	0	0
76	0	0	0
77	9	12	6
78	0	0	0
79	5	11	17
80	0	0	0
81	6	5	9
82	0	0	0
83	6	6	6
84	0	0	0
85	7	5	4
86	0	0	0
87	3	2	3
88	0	0	0
89	2	1	5
90	3	2	2
91	0	0	0
92	2	4	2
93	3	2	1
94	0	0	0
95	1	4	1
96	0	0	0
97	4	4	0
98	2	2	3
99	2	0	0
100	0	0	0
101	2	1	1
102	1	0	1
103	1	1	2
104	0	0	0
105	1	0	2
106	1	1	0
107	1	1	1
108	2	1	0
109	0	1	2
110	0	0	1
111	0	0	0
112	1	0	0
113	0	2	0
114	0	1	0
115	0	0	0
116	0	0	0
117	1	0	0
118	0	2	0
119	0	0	1
120	0	0	0

121	0	0	1
122	0	0	0
123	0	0	0
124	0	0	1
125	0	1	0
126	0		0
127	0		0
128	0		0
129	1		0
130	0		0
131	0		0
132	0		0
133	0		0
134	1		0
135	0		1
136	0		0
137	1		0
138	0		0
139	0		0
140	0		0
141	0		0
142	0		0
143	0		0
144	0		0
145	0		0
146	0		0
147	0		0
148	0		0
149	0		0
150	0		0
151	0		0
152	0		0
153	0		0
154	0		0
155	1		0
156			0
157			0
158			0
159			0
160			0
161			0
162			0
163			0
164			0
165			0
166			0

167	0
168	0
169	0
170	0
171	0
172	0
173	0
174	0
175	0
176	0
177	0
178	0
179	0
180	0
181	0
182	0
183	0
184	0
185	0
186	0
187	0
188	0
189	0
190	0
191	0
192	0
193	0
194	0
195	0
196	0
197	0
198	0
199	0
200	0
201	0
202	0
203	0
204	0
205	0
206	1

Size and frequency of SeNP detected in: Capsicum Replicate 2 Plant 1 Shoot

Table S35.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
34	0	0	0
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	338	320	351
44	0	0	0
45	0	0	0
46	0	0	0
47	0	0	0
48	0	0	0
49	0	0	0
50	567	532	501
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	503	495	431
56	0	0	0
57	0	0	0
58	0	0	0
59	476	425	432
60	0	0	0
61	0	0	0
62	0	0	0
63	333	326	316
64	0	0	0
65	0	0	0
66	230	210	213
67	0	0	0
68	0	0	0
69	186	158	167
70	0	0	0
71	0	0	0
72	117	137	138
73	0	0	0
74	106	99	117

75	0	0	0
76	0	0	0
77	77	89	109
78	0	0	0
79	75	81	77
80	0	0	0
81	80	66	69
82	0	0	0
83	48	61	58
84	0	0	0
85	53	59	64
86	0	0	0
87	54	41	52
88	0	0	0
89	47	40	40
90	43	25	28
91	0	0	0
92	32	35	45
93	19	32	33
94	0	0	0
95	24	23	16
96	0	0	0
97	29	21	26
98	18	30	26
99	21	28	19
100	0	0	0
101	23	16	16
102	20	11	19
103	12	28	20
104	0	0	0
105	19	16	17
106	19	16	14
107	19	10	23
108	14	11	15
109	11	13	14
110	14	15	14
111	0	0	0
112	9	11	12
113	12	10	10
114	12	8	17
115	6	8	16
116	12	11	13
117	9	10	14
118	13	8	10
119	7	6	10
120	10	4	8

121	6	10	8
122	8	6	5
123	17	13	10
124	5	8	9
125	8	7	7
126	6	8	5
127	5	5	5
128	5	6	7
129	9	15	11
130	3	2	2
131	4	4	3
132	4	3	4
133	7	10	9
134	6	8	5
135	1	2	3
136	5	8	9
137	6	0	3
138	7	7	6
139	6	4	1
140	4	2	2
141	4	2	4
142	2	1	3
143	3	2	2
144	1	2	2
145	3	2	1
146	0	1	2
147	4	5	4
148	3	3	1
149	1	2	3
150	1	3	4
151	4	1	2
152	1	0	1
153	0	1	1
154	2	0	1
155	3	0	1
156	0	1	1
157	5	0	2
158	3	0	2
159	1	0	1
160	4	1	0
161	0	2	1
162	2	1	5
163	0	0	0
164	2	0	2
165	1	1	4
166	0	1	0

167	2	8	3
168	0	0	1
169	0	1	1
170	2	0	0
171	2	1	2
172	1	0	0
173	0	0	1
174	3	0	0
175	2	1	2
176	1	2	0
177	0	1	0
178	2	1	0
179	0	0	0
180	0	0	2
181	0	0	0
182	1	1	1
183	0	1	0
184	0	0	0
185	0	0	0
186	0	0	0
187	1	1	0
188	0	0	0
189	0	0	0
190	0	0	0
191	0	0	0
192	0	0	1
193	0	0	0
194	0	0	0
195	0	1	0
196	0	0	0
197	0	0	0
198	0	1	0
199	0	1	1
200	0	0	0
201	0	0	0
202	0	0	0
203	0	0	0
204	0	1	0
205	0	0	1
206	0	0	0
207	0	0	0
208	0	1	0
209	1	0	0
210	0	0	0
211	0	1	0
212	0	0	0

213	0	0	0
214	0	0	0
215	2	0	0
216	0	1	0
217	0	0	0
218	0	0	0
219	0	0	0
220	0	0	0
221	1	0	0
222	0	0	0
223	0	0	0
224	0	0	0
225	0	0	0
226	0	0	0
227	0	0	0
228	0	0	0
229	0	0	0
230	0	0	0
231	0	0	0
232	0	0	0
233	0	0	0
234	0	0	0
235	1	0	0
236	0	0	0
237	0	0	0
238	0	0	1
239	0	0	0
240	0	0	0
241	0	0	0
242	0	0	1
243	0	0	0
244	0	0	0
245	0	0	0
246	0	0	0
247	0	0	0
248	0	0	0
249	0	0	0
250	0	0	0
251	0	0	0
252	0	0	0
253	0	0	0
254	0	0	0
255	0	0	1
256	0	0	
257	0	1	
258	0	0	

259	0	0
260	0	0
261	0	0
262	0	0
263	0	0
264	0	0
265	0	0
266	0	0
267	0	0
268	0	0
269	0	0
270	0	0
271	1	0
272		0
273		0
274		0
275		0
276		0
277		1
278		0
279		0
280		0
281		0
282		0
283		0
284		0
285		0
286		0
287		0
288		0
289		0
290		0
291		0
292		0
293		0
294		0
295		0
296		0
297		0
298		0
299		0
300		0
301		0
302		0
303		0
304		0

305	0
306	0
307	0
308	0
309	0
310	0
311	1
312	0
313	0
314	0
315	0
316	0
317	0
318	0
319	1

Size and frequency of SeNP detected in: Capsicum Replicate 2 Plant 2 Shoot

Table S36.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
34	0	0	0
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	169	147	507
44	0	0	0
45	0	0	0
46	0	0	0
47	0	0	0
48	0	0	0
49	0	0	0
50	224	172	604
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	187	189	416
56	0	0	0
57	0	0	0
58	0	0	0
59	122	107	111
60	0	0	0
61	0	0	0
62	0	0	0
63	45	53	42
64	0	0	0
65	0	0	0
66	26	26	19
67	0	0	0
68	0	0	0
69	19	19	17
70	0	0	0
71	0	0	0
72	18	14	11
73	0	0	0
74	13	9	12

75	0	0	0
76	0	0	0
77	5	6	8
78	0	0	0
79	4	10	3
80	0	0	0
81	4	1	5
82	0	0	0
83	6	4	1
84	0	0	0
85	2	4	2
86	0	0	0
87	2	3	2
88	0	0	0
89	3	2	3
90	1	3	0
91	0	0	0
92	2	1	1
93	2	1	0
94	0	0	0
95	1	0	1
96	0	0	0
97	3	1	1
98	0	0	1
99	1	0	0
100	0	0	0
101	1	0	0
102	1	0	1
103	0	0	0
104	0	0	0
105	1	0	1
106	0	1	1
107	0	1	0
108	0	1	0
109	0	0	0
110	0	0	0
111	0	0	0
112	0	0	0
113	0	0	0
114	1	0	0
115	0	0	0
116	0	0	0
117	0	0	0
118	0	0	0
119	0	0	0
120	1	1	0

121	1	0	0
122	0	0	0
123	0	0	0
124	1	0	0
125	0	0	1
126	1	0	0
127	0	0	0
128	0	0	1
129	0	0	0
130	0	0	0
131	0	0	0
132	0	0	0
133	0	0	0
134	1	0	1
135		0	
136		0	
137		0	
138		0	
139		0	
140		0	
141		1	

Size and frequency of SeNP detected in: Capsicum Replicate 2 Plant 3 Shoot

Table S37.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
33	0	0	0
34	0	0	0
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	1020	1099	1121
42	0	0	0
43	0	0	0
44	0	0	0
45	0	0	0
46	0	0	0
47	927	1038	1009
48	0	0	0
49	0	0	0
50	0	0	0
51	0	0	0
52	774	818	794
53	0	0	0
54	0	0	0
55	0	0	0
56	199	182	215
57	0	0	0
58	0	0	0
59	0	0	0
60	81	79	94
61	0	0	0
62	0	0	0
63	38	42	44
64	0	0	0
65	0	0	0
66	20	17	15
67	0	0	0
68	17	3	11
69	0	0	0
70	0	0	0
71	5	11	9
72	0	0	0
73	0	6	5

74	0	0	0
75	4	2	6
76	0	0	0
77	3	4	5
78	0	0	0
79	1	1	2
80	0	0	0
81	1	2	1
82	0	0	0
83	2	0	4
84	0	2	2
85	0	0	0
86	2	0	0
87	0	0	0
88	0	0	1
89	0	0	0
90	1	0	1
91	0	0	0
92	0	1	2
93	1	0	0
94	0	0	0
95	0	0	1
96	0	0	0
97	0	1	1
98	0	0	0
99	0	0	0
100	1	0	0
101	0	0	0
102	0	0	0
103	0	0	0
104	0	0	1
105	0	1	0
106	1	0	0
107	0	0	0
108	1	0	0
109	0	0	0
110	0	0	0
111	0	2	0
112	1	0	0
113		0	0
114		0	0
115		0	0
116		0	0
117		0	1
118		0	0
119		0	0

120	0	0
121	0	0
122	0	0
123	0	0
124	1	0
125	0	1
126	0	
127	1	

Size and frequency of SeNP detected in: Butter Lettuce Replicate 1 Plant 1 Root

Table S38.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
33	0	0	0
34	0	0	0
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	1648	584	1508
42	0	0	0
43	0	0	0
44	0	0	0
45	0	0	0
46	0	0	0
47	1543	639	1496
48	0	0	0
49	0	0	0
50	0	0	0
51	0	0	0
52	1181	547	1172
53	0	0	0
54	0	0	0
55	0	0	0
56	295	295	310
57	0	0	0
58	0	0	0
59	0	0	0
60	134	124	147
61	0	0	0
62	0	0	0
63	61	58	48
64	0	0	0
65	0	0	0
66	24	35	18
67	0	0	0
68	20	15	18
69	0	0	0
70	0	0	0
71	10	8	6
72	0	0	0
73	5	6	13
74	0	0	0

75	3	4	1
76	0	0	0
77	1	3	6
78	0	0	0
79	2	4	2
80	0	0	0
81	2	6	2
82	0	0	0
83	2	3	6
84	1	0	0
85	0	0	0
86	0	0	0
87	0	0	0
88	0	2	0
89	1	0	2
90	0	0	0
91	0	0	
92	0	1	
93	0	1	
94	0	0	
95	0	0	
96	0	2	
97	0	0	
98	1	0	
99	0	0	
100	0	0	
101	0	0	
102	0	0	
103	0	0	
104	0	0	
105	0	0	
106	0	0	
107	0	0	
108	1	0	
109	1	0	
110		0	
111		1	
112		0	
113		1	
114		0	
115		0	
116		0	
117		0	
118		1	
119		0	
120		0	

121	0
122	0
123	0
124	0
125	0
126	0
127	0
128	0
129	0
130	0
131	0
132	0
133	0
134	0
135	0
136	0
137	0
138	0
139	0
140	0
141	0
142	0
143	0
144	0
145	0
146	0
147	0
148	0
149	0
150	0
151	0
152	1

Size and frequency of SeNP detected in: Butter Lettuce Replicate 1 Plant 2 Root

Table S39.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
33	0	0	0
34	0	0	0
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	1411	1287	1244
42	0	0	0
43	0	0	0
44	0	0	0
45	0	0	0
46	0	0	0
47	1343	1196	1199
48	0	0	0
49	0	0	0
50	0	0	0
51	0	0	0
52	1035	941	952
53	0	0	0
54	0	0	0
55	0	0	0
56	281	305	243
57	0	0	0
58	0	0	0
59	0	0	0
60	115	108	111
61	0	0	0
62	0	0	0
63	58	52	39
64	0	0	0
65	0	0	0
66	13	14	20
67	0	0	0
68	13	10	12
69	0	0	0
70	0	0	0
71	6	8	3
72	0	0	0
73	4	3	3

74	0	0	0
75	2	4	5
76	0	0	0
77	3	2	4
78	0	0	0
79	2	0	0
80	0	0	0
81	0	1	1
82	0	0	0
83	0	0	2
84	1	0	0
85	0	0	0
86	1	0	0
87	0	0	0
88	0	1	0
89	0	1	0
90	0	1	0
91	0	0	0
92	0	0	0
93	0	0	1
94	0	0	0
95	0	1	0
96	0	0	0
97	0	0	0
98	1	0	0
99	0	0	0
100	0	0	0
101	0	0	0
102	0	0	0
103	0	0	0
104	0	0	0
105	0	0	0
106	0	0	0
107	1	0	0
108	0	0	0
109	0	0	0
110	0	0	0
111	0	0	0
112	1	0	0
113	0	0	1
114	1	0	0
115	0	0	0
116	0	0	0
117	0	0	0
118	0	0	0
119	0	0	0

120	0	1	0
121	0		0
122	0		0
123	0		0
124	1		0
125			1

Size and frequency of SeNP detected in: Butter Lettuce Replicate 1 Plant 3 Root

Table S40.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
34	2	0	0
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	18	16	7
44	0	0	0
45	0	0	0
46	0	0	0
47	0	0	0
48	0	0	0
49	0	0	0
50	52	50	18
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	59	54	25
56	0	0	0
57	0	0	0
58	0	0	0
59	77	74	33
60	0	0	0
61	0	0	0
62	0	0	0
63	102	94	40
64	0	0	0
65	0	0	0
66	65	73	58
67	0	0	0
68	0	0	0
69	52	49	44
70	0	0	0
71	0	0	0
72	55	48	45
73	0	0	0
74	40	40	26

75	0	0	0
76	0	0	0
77	32	32	24
78	0	0	0
79	22	22	28
80	0	0	0
81	23	25	15
82	0	0	0
83	22	21	18
84	0	0	0
85	15	13	19
86	0	0	0
87	27	18	14
88	0	0	0
89	15	14	12
90	12	15	18
91	0	0	0
92	18	11	14
93	6	8	4
94	0	0	0
95	14	11	11
96	0	0	0
97	6	18	9
98	8	9	5
99	7	8	6
100	0	0	0
101	10	9	4
102	10	6	4
103	6	8	4
104	0	0	0
105	3	8	2
106	6	2	9
107	2	5	4
108	2	4	5
109	4	7	5
110	3	3	3
111	0	0	0
112	4	7	4
113	4	4	2
114	2	1	4
115	2	5	1
116	6	2	0
117	2	2	2
118	3	2	5
119	4	3	5
120	2	0	1

121	3	1	1
122	2	0	2
123	4	2	2
124	0	1	1
125	2	0	0
126	1	3	0
127	1	0	1
128	2	1	0
129	0	0	1
130	1	1	1
131	0	0	1
132	0	1	0
133	2	1	3
134	0	0	0
135	1	0	0
136	1	1	1
137	0	0	0
138	0	1	1
139	0	0	0
140	0	0	1
141	1	0	3
142	0	0	0
143	0	0	1
144	0	1	0
145	0	1	0
146	1	0	1
147	1	1	0
148	0	1	0
149	0	0	0
150	0	2	0
151	0	1	0
152	0	0	0
153	1	1	0
154	0	0	0
155	0	0	0
156	0	0	0
157	0	0	0
158	0	0	0
159	0	2	0
160	1	0	0
161	0	0	0
162	0	0	0
163	0	0	0
164	0	0	0
165	0	0	0
166	0	0	0

167	0	1	0
168	0	0	0
169	0	0	0
170	1	1	0
171	0	0	0
172	0	1	0
173	0		0
174	0		0
175	0		0
176	0		0
177	0		0
178	0		0
179	0		0
180	0		0
181	0		0
182	0		0
183	0		0
184	0		0
185	0		0
186	0		0
187	0		0
188	1		0
189	0		0
190	0		0
191	0		0
192	0		0
193	0		0
194	0		0
195	0		0
196	0		0
197	0		0
198	0		0
199	0		0
200	0		0
201	0		0
202	0		1
203	0		
204	0		
205	0		
206	0		
207	0		
208	0		
209	0		
210	0		
211	0		
212	0		

213	0
214	0
215	0
216	0
217	1

Size and frequency of SeNP detected in: Butter Lettuce Replicate 2 Plant 1 Root

Table S41.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
34	0	0	0
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	1	112	19
44	0	0	0
45	0	0	0
46	0	0	0
47	0	0	0
48	0	0	0
49	0	0	0
50	2	184	49
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	4	364	55
56	0	0	0
57	0	0	0
58	0	0	0
59	4	103	68
60	0	0	0
61	0	0	0
62	0	0	0
63	1	24	16
64	0	0	0
65	0	0	0
66	2	8	6
67	0	0	0
68	0	0	0
69	3	6	2
70	0	0	0
71	0	0	0
72	1	0	2
73	0	0	0
74	0	1	0

75	0	0	0
76	0	0	0
77	0	2	0
78	0	0	0
79	0	1	0
80	0	0	0
81	0	1	0
82	0		0
83	1		1
84	0		0
85	0		1
86	0		0
87	0		0
88	0		0
89	2		0
90	0		0
91	0		0
92	0		0
93	0		0
94	0		0
95	0		0
96	0		0
97	1		0
98			0
99			1

Size and frequency of SeNP detected in: Butter Lettuce Replicate 2 Plant 2 Root

Table S42.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
34	0	0	0
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	10	4	3
44	0	0	0
45	0	0	0
46	0	0	0
47	0	0	0
48	0	0	0
49	0	0	0
50	19	4	6
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	15	9	12
56	0	0	0
57	0	0	0
58	0	0	0
59	25	14	15
60	0	0	0
61	0	0	0
62	0	0	0
63	25	16	10
64	0	0	0
65	0	0	0
66	16	9	16
67	0	0	0
68	0	0	0
69	11	14	16
70	0	0	0
71	0	0	0
72	8	12	13
73	0	0	0
74	13	13	5

75	0	0	0
76	0	0	0
77	7	7	4
78	0	0	0
79	5	7	7
80	0	0	0
81	7	5	7
82	0	0	0
83	8	3	7
84	0	0	0
85	3	3	7
86	0	0	0
87	4	4	1
88	0	0	0
89	8	2	3
90	3	4	3
91	0	0	0
92	3	5	1
93	2	5	4
94	0	0	0
95	2	6	2
96	0	0	0
97	8	4	0
98	1	1	0
99	3	2	3
100	0	0	0
101	3	1	1
102	4	1	2
103	1	4	3
104	0	0	0
105	2	1	1
106	0	1	2
107	0	0	1
108	0	2	6
109	0	2	1
110	0	1	0
111	0	0	0
112	4	0	0
113	1	1	1
114	0	0	3
115	1	0	0
116	2	1	0
117	0	0	0
118	2	0	1
119	0	3	0
120	0	1	1

121	1	1	1
122	1	0	0
123	0	2	0
124	2	0	1
125	0	0	0
126	1	0	0
127	0	0	0
128	1	0	1
129	0	1	0
130	0	0	1
131	0	1	0
132	0	0	0
133	0	0	1
134	0	0	0
135	0	0	0
136	1	0	0
137	1	0	1
138	0	0	0
139	0	0	0
140	1	0	1
141	0	0	0
142	0	0	0
143	1	0	0
144	0	0	0
145	0	0	0
146	0	0	0
147	0	0	0
148	0	0	0
149	0	0	0
150	0	1	0
151	1	1	0
152	0	0	0
153	0	0	1
154	0	0	0
155	0	1	1
156	0	0	
157	0	0	
158	0	0	
159	0	0	
160	0	0	
161	0	0	
162	0	0	
163	1	0	
164	0	0	
165	0	0	
166	0	1	

167	0	0
168	1	0
169	0	0
170	1	1
171	1	0
172	0	0
173	1	0
174	0	0
175	0	0
176	0	0
177	0	0
178	0	0
179	0	0
180	0	0
181	0	0
182	0	0
183	0	0
184	0	0
185	0	0
186	0	0
187	0	0
188	0	0
189	0	0
190	0	1
191	0	
192	0	
193	0	
194	0	
195	0	
196	0	
197	0	
198	0	
199	0	
200	0	
201	0	
202	0	
203	0	
204	0	
205	0	
206	0	
207	0	
208	0	
209	0	
210	0	
211	0	
212	0	

213	0
214	0
215	0
216	0
217	0
218	0
219	0
220	0
221	0
222	0
223	0
224	0
225	0
226	0
227	0
228	0
229	0
230	0
231	0
232	0
233	0
234	0
235	0
236	0
237	0
238	0
239	0
240	0
241	0
242	0
243	0
244	0
245	0
246	0
247	0
248	0
249	0
250	0
251	0
252	0
253	0
254	0
255	0
256	0
257	0
258	0

259	0
260	0
261	0
262	0
263	0
264	0
265	0
266	0
267	1

Size and frequency of SeNP detected in: Butter Lettuce Replicate 2 Plant 3 Root

Table S43.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
33	0	0	0
34	0	0	0
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	87	81	81
42	0	0	0
43	0	0	0
44	0	0	0
45	0	0	0
46	0	0	0
47	119	112	111
48	0	0	0
49	0	0	0
50	0	0	0
51	0	0	0
52	136	114	80
53	0	0	0
54	0	0	0
55	0	0	0
56	77	68	66
57	0	0	0
58	0	0	0
59	0	0	0
60	39	29	29
61	0	0	0
62	0	0	0
63	23	19	18
64	0	0	0
65	0	0	0
66	9	13	19
67	0	0	0
68	11	10	8
69	0	0	0
70	0	0	0
71	4	6	4
72	0	0	0
73	8	4	8

74	0	0	0
75	6	5	8
76	0	0	0
77	4	3	4
78	0	0	0
79	4	3	9
80	0	0	0
81	4	3	3
82	0	0	0
83	2	4	1
84	0	4	4
85	0	0	0
86	2	3	1
87	0	0	0
88	2	0	0
89	1	0	2
90	1	0	0
91	0	0	0
92	0	2	0
93	0	1	1
94	0	0	0
95	4	3	0
96	0	2	1
97	1	1	1
98	0	0	2
99	0	0	0
100	0	2	2
101	0	0	1
102	0	1	0
103	1	2	1
104	1	1	0
105	1	0	0
106	0	0	0
107	0	0	0
108	0	0	0
109	0	0	0
110	1	1	1
111	0	0	0
112	0	0	0
113	0	0	0
114	0	0	0
115	0	0	1
116	0	0	0
117	0	0	0
118	0	0	0
119	0	0	0

120	0	0	0
121	0	1	0
122	0	0	0
123	0	0	0
124	0	0	0
125	1	0	0
126	0	0	1
127	1	0	0
128	0		1
129	0		0
130	0		1
131	0		0
132	0		0
133	0		0
134	0		0
135	0		0
136	0		0
137	0		0
138	0		0
139	0		0
140	0		0
141	0		0
142	0		0
143	0		0
144	0		0
145	0		0
146	0		0
147	0		0
148	0		0
149	0		0
150	0		0
151	0		0
152	0		0
153	0		0
154	0		0
155	0		0
156	0		0
157	0		0
158	0		0
159	0		0
160	0		0
161	0		0
162	1		0
163			0
164			0
165			0

166	0
167	0
168	0
169	1

Size and frequency of SeNP detected in: Butter Lettuce Replicate 1 Plant 1 Shoot

Table S44.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
33	0	0	1
34	0	0	0
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	30	40	38
42	0	0	0
43	0	0	0
44	0	0	0
45	0	0	0
46	0	0	0
47	97	80	82
48	0	0	0
49	0	0	0
50	0	0	0
51	0	0	0
52	112	106	119
53	0	0	0
54	0	0	0
55	0	0	0
56	118	134	128
57	0	0	0
58	0	0	0
59	0	0	0
60	162	128	154
61	0	0	0
62	0	0	0
63	105	114	136
64	0	0	0
65	0	0	0
66	111	102	87
67	0	0	0
68	85	95	80
69	0	0	0
70	0	0	0
71	60	76	60
72	0	0	0
73	73	74	62

74	0	0	0
75	51	46	41
76	0	0	0
77	47	38	40
78	0	0	0
79	34	35	40
80	0	0	0
81	43	37	35
82	0	0	0
83	41	42	30
84	29	25	27
85	0	0	0
86	33	11	17
87	0	0	0
88	21	32	28
89	18	18	18
90	24	24	15
91	0	0	0
92	15	20	18
93	18	16	17
94	0	0	0
95	14	11	7
96	12	8	13
97	9	17	9
98	6	10	5
99	0	0	0
100	8	12	11
101	4	9	8
102	13	6	8
103	10	10	6
104	10	6	8
105	6	7	8
106	6	1	6
107	4	3	4
108	3	4	5
109	2	3	6
110	3	4	3
111	1	2	5
112	2	3	2
113	3	3	4
114	1	2	2
115	4	2	4
116	3	0	1
117	2	3	2
118	8	6	7
119	2	3	1

120	0	3	0
121	3	0	1
122	4	5	7
123	0	4	2
124	1	0	0
125	5	2	2
126	1	1	1
127	1	1	4
128	2	3	3
129	0	1	2
130	1	2	4
131	0	0	0
132	4	1	0
133	1	2	1
134	1	1	1
135	3	1	0
136	0	1	2
137	0	1	1
138	0	2	1
139	1	0	0
140	1	3	3
141	0	0	2
142	1	2	0
143	0	0	0
144	0	1	0
145	2	0	1
146	0	0	1
147	0	0	0
148	0	1	0
149	0	0	2
150	0	2	1
151	1	0	0
152	0	0	0
153	0	0	0
154	2	0	0
155	0	0	0
156	0	0	1
157	1	0	0
158	0	0	0
159	0	0	1
160	0	1	0
161	0	0	0
162	0	0	1
163	0	2	0
164	1	0	0
165	0	0	0

166	0	0	0
167	0	0	0
168	0	0	0
169	0	0	0
170	0	0	0
171	0	0	0
172	0	1	0
173	0	0	1
174	0	0	0
175	0	0	0
176	0	0	0
177	0	0	0
178	0	0	0
179	0	0	0
180	0	0	0
181	0	0	0
182	1	0	1
183	0	0	
184	0	2	
185	0		
186	0		
187	0		
188	0		
189	0		
190	0		
191	0		
192	0		
193	0		
194	0		
195	0		
196	0		
197	0		
198	0		
199	0		
200	0		
201	0		
202	0		
203	0		
204	0		
205	0		
206	0		
207	0		
208	0		
209	0		
210	0		
211	0		

212	0
213	0
214	0
215	0
216	1

Size and frequency of SeNP detected in: Butter Lettuce Replicate 1 Plant 2 Shoot

Table S45.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
33	0	0	0
34	0	0	0
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	4	2	4
42	0	0	0
43	0	0	0
44	0	0	0
45	0	0	0
46	0	0	0
47	6	10	11
48	0	0	0
49	0	0	0
50	0	0	0
51	0	0	0
52	19	8	23
53	0	0	0
54	0	0	0
55	0	0	0
56	25	10	20
57	0	0	0
58	0	0	0
59	0	0	0
60	23	5	22
61	0	0	0
62	0	0	0
63	29	19	23
64	0	0	0
65	0	0	0
66	21	11	23
67	0	0	0
68	14	17	17
69	0	0	0
70	0	0	0
71	21	13	7
72	0	0	0
73	14	8	11

74	0	0	0
75	10	6	15
76	0	0	0
77	9	9	5
78	0	0	0
79	8	6	12
80	0	0	0
81	5	4	6
82	0	0	0
83	5	4	4
84	3	4	5
85	0	0	0
86	2	8	4
87	0	0	0
88	3	2	4
89	0	5	2
90	5	3	5
91	0	0	0
92	1	1	3
93	5	5	2
94	0	0	0
95	0	4	3
96	3	1	1
97	2	4	4
98	3	1	2
99	0	0	0
100	2	2	1
101	1	2	2
102	1	1	1
103	0	1	0
104	1	1	3
105	0	1	1
106	1	0	0
107	1	1	1
108	0	2	1
109	1	0	1
110	1	4	0
111	1	2	2
112	1	1	2
113	3	2	1
114	2	0	2
115	1	1	0
116	0	1	1
117	0	0	0
118	1	1	2
119	0	1	0

120	0	0	1
121	0	0	0
122	0	0	0
123	0	1	1
124	1	0	0
125	0	0	1
126	0	2	0
127	0	0	0
128	0	1	0
129	1	0	0
130	0	2	0
131	0	0	0
132	0	0	0
133	1	1	1
134	2	0	0
135	1	0	0
136	0	2	0
137	0	0	0
138	1	0	0
139	2	0	0
140	0	1	0
141	0	0	0
142	0	0	0
143	0	0	0
144	0	0	0
145	1	0	0
146	0	1	0
147	0	0	0
148	0	0	0
149	0	0	0
150	0	1	0
151	0	0	0
152	0	0	0
153	0	1	2
154	0	1	0
155	0	0	0
156	0	1	0
157	0	0	0
158	0	0	0
159	0	0	1
160	0	0	0
161	0	0	0
162	0	0	0
163	0	0	0
164	0	0	0
165	0	0	0

166	0	1	0
167	0	0	0
168	0	0	0
169	0	1	0
170	0	0	0
171	0	0	0
172	0	0	0
173	0	1	0
174	0	0	0
175	0	0	0
176	0	0	0
177	1	2	0
178	0	0	0
179	0	0	0
180	0	0	0
181	0	0	0
182	0	2	0
183	0		0
184	0		0
185	0		0
186	0		0
187	0		0
188	0		0
189	0		0
190	0		0
191	0		0
192	0		0
193	0		0
194	0		0
195	0		0
196	0		0
197	0		0
198	0		0
199	0		0
200	0		0
201	0		0
202	0		0
203	0		0
204	0		0
205	0		0
206	0		0
207	0		0
208	0		0
209	0		0
210	0		0
211	0		0

212	0	0
213	0	0
214	0	0
215	0	0
216	0	0
217	0	0
218	0	0
219	0	0
220	0	0
221	0	0
222	0	0
223	0	0
224	0	0
225	0	0
226	0	0
227	0	0
228	0	0
229	0	0
230	0	0
231	0	0
232	0	0
233	0	0
234	0	0
235	0	0
236	0	0
237	0	1
238	0	
239	0	
240	0	
241	0	
242	0	
243	0	
244	0	
245	0	
246	0	
247	0	
248	0	
249	0	
250	0	
251	0	
252	0	
253	0	
254	0	
255	0	
256	0	
257	0	

258	0
259	0
260	0
261	0
262	0
263	0
264	0
265	0
266	0
267	0
268	0
269	0
270	0
271	0
272	0
273	0
274	0
275	0
276	0
277	0
278	0
279	0
280	0
281	0
282	0
283	0
284	0
285	0
286	0
287	0
288	0
289	0
290	0
291	0
292	0
293	0
294	0
295	0
296	0
297	0
298	0
299	0
300	0
301	0
302	0
303	0

304	0
305	0
306	0
307	0
308	0
309	0
310	0
311	0
312	0
313	0
314	0
315	0
316	0
317	0
318	0
319	0
320	0
321	0
322	0
323	0
324	0
325	0
326	0
327	0
328	0
329	0
330	0
331	0
332	0
333	0
334	0
335	0
336	0
337	0
338	0
339	0
340	0
341	0
342	0
343	0
344	0
345	0
346	0
347	0
348	0
349	0

350	0
351	0
352	0
353	0
354	0
355	0
356	0
357	0
358	0
359	0
360	0
361	0
362	0
363	0
364	0
365	0
366	0
367	0
368	0
369	0
370	0
371	0
372	0
373	0
374	0
375	0
376	0
377	0
378	0
379	0
380	0
381	0
382	0
383	0
384	0
385	0
386	0
387	0
388	0
389	0
390	0
391	1

Size and frequency of SeNP detected in: Butter Lettuce Replicate 1 Plant 3 Shoot

Table S46.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
34	0	5	1
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	15	82	77
44	0	0	0
45	0	0	0
46	0	0	0
47	0	0	0
48	0	0	0
49	0	0	0
50	30	117	114
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	42	144	159
56	0	0	0
57	0	0	0
58	0	0	0
59	31	54	46
60	0	0	0
61	0	0	0
62	0	0	0
63	17	20	23
64	0	0	0
65	0	0	0
66	10	14	27
67	0	0	0
68	0	0	0
69	10	11	8
70	0	0	0
71	0	0	0
72	6	5	5
73	0	0	0
74	5	3	10

75	0	0	0
76	0	0	0
77	4	5	2
78	0	0	0
79	5	2	5
80	0	0	0
81	0	5	3
82	0	0	0
83	3	0	0
84	0	0	0
85	1	0	3
86	0	0	0
87	3	1	0
88	0	0	0
89	1	1	0
90	1	0	0
91	0	0	0
92	1	1	0
93	3	1	0
94	0	0	0
95	1	0	0
96	0	0	0
97	1	0	0
98	0	1	0
99	0		2
100	0		0
101	0		1
102	0		0
103	0		0
104	0		0
105	1		0
106	0		0
107	1		0
108	0		0
109	0		1
110	0		
111	0		
112	0		
113	0		
114	1		
115	0		
116	1		
117	0		
118	0		
119	0		
120	0		

121	0
122	0
123	0
124	0
125	0
126	0
127	0
128	0
129	0
130	0
131	0
132	0
133	0
134	0
135	0
136	0
137	0
138	0
139	0
140	0
141	0
142	0
143	0
144	0
145	0
146	0
147	0
148	0
149	0
150	0
151	0
152	0
153	0
154	0
155	0
156	0
157	0
158	0
159	0
160	0
161	0
162	0
163	0
164	0
165	0
166	0

167	0
168	0
169	0
170	0
171	0
172	0
173	0
174	0
175	0
176	0
177	0
178	0
179	0
180	0
181	0
182	0
183	0
184	0
185	0
186	0
187	0
188	0
189	0
190	0
191	0
192	0
193	0
194	0
195	0
196	0
197	0
198	0
199	0
200	0
201	0
202	0
203	0
204	0
205	0
206	0
207	0
208	0
209	0
210	0
211	0
212	0

213	0
214	0
215	0
216	0
217	0
218	0
219	0
220	0
221	0
222	0
223	0
224	0
225	0
226	0
227	0
228	0
229	0
230	0
231	0
232	0
233	0
234	0
235	0
236	0
237	0
238	0
239	0
240	0
241	0
242	0
243	0
244	0
245	0
246	0
247	0
248	0
249	0
250	0
251	0
252	0
253	0
254	1

Size and frequency of SeNP detected in: Butter Lettuce Replicate 2 Plant 1 Shoot

Table S47.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
34	0	0	0
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	11	10	10
44	0	0	0
45	0	0	0
46	0	0	0
47	0	0	0
48	0	0	0
49	0	0	0
50	31	24	22
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	38	36	33
56	0	0	0
57	0	0	0
58	0	0	0
59	49	51	49
60	0	0	0
61	0	0	0
62	0	0	0
63	53	45	62
64	0	0	0
65	0	0	0
66	70	82	87
67	0	0	0
68	0	0	0
69	65	58	51
70	0	0	0
71	0	0	0
72	47	49	45
73	0	0	0
74	28	28	40
75	0	0	0

76	0	0	0
77	41	33	29
78	0	0	0
79	29	29	33
80	0	0	0
81	21	21	30
82	0	0	0
83	24	17	20
84	0	0	0
85	13	22	16
86	0	0	0
87	9	15	13
88	0	0	0
89	12	15	9
90	14	11	12
91	0	0	0
92	15	8	9
93	10	11	5
94	0	0	0
95	11	6	9
96	0	0	0
97	7	10	3
98	7	5	3
99	5	4	7
100	0	0	0
101	7	3	4
102	4	10	3
103	5	4	6
104	0	0	0
105	7	6	4
106	1	2	3
107	2	4	5
108	3	4	5
109	3	1	2
110	1	5	0
111	0	0	0
112	1	1	3
113	1	2	1
114	1	0	0
115	0	1	0
116	1	1	1
117	1	1	0
118	4	3	1
119	1	0	0
120	0	4	1
121	0	0	1

122	2	1	2
123	1	3	1
124	1	1	2
125	0	0	0
126	1	0	0
127	0	0	0
128	0	0	0
129	0	0	2
130	1	1	1
131	0	0	0
132	0	1	0
133	1	1	0
134	0	0	0
135	0	1	0
136	0	0	1
137	1	0	0
138	1	1	0
139	1	0	0
140	1	0	0
141	0	1	0
142	0	0	0
143	0	0	0
144	0	1	0
145	0		0
146	1		0
147	0		1
148	1		0
149	0		0
150	0		0
151	0		1
152	0		0
153	0		0
154	1		1
155	0		0
156	0		0
157	0		0
158	0		0
159	0		0
160	0		0
161	1		0
162	0		0
163	0		0
164	0		0
165	0		0
166	0		0
167	0		0

168	0	0
169	0	0
170	0	0
171	0	0
172	0	0
173	0	0
174	1	0
175		1
176		0
177		0
178		0
179		0
180		0
181		0
182		0
183		0
184		0
185		0
186		0
187		0
188		0
189		0
190		0
191		0
192		1

Size and frequency of SeNP detected in: Butter Lettuce Replicate 2 Plant 2 Shoot

Table S48.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
34	0	0	0
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	21	22	7
44	0	0	0
45	0	0	0
46	0	0	0
47	0	0	0
48	0	0	0
49	0	0	0
50	55	52	10
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	75	63	24
56	0	0	0
57	0	0	0
58	0	0	0
59	95	97	23
60	0	0	0
61	0	0	0
62	0	0	0
63	59	42	34
64	0	0	0
65	0	0	0
66	33	26	18
67	0	0	0
68	0	0	0
69	13	16	11
70	0	0	0
71	0	0	0
72	8	11	5
73	0	0	0
74	7	4	7
75	0	0	0

76	0	0	0
77	4	9	5
78	0	0	0
79	5	4	4
80	0	0	0
81	5	4	4
82	0	0	0
83	1	5	2
84	0	0	0
85	0	2	1
86	0	0	0
87	1	1	1
88	0	0	0
89	1	1	0
90	2	0	0
91	0	0	0
92	1	1	1
93	0	2	0
94	0	0	0
95	0	2	0
96	0	0	0
97	0	0	0
98	0	0	0
99	1	0	0
100	0	0	0
101	0	0	0
102	0	1	2
103	0	0	0
104	0	0	0
105	0	1	0
106	0		1
107	0		1
108	0		0
109	0		0
110	0		0
111	0		0
112	0		0
113	0		0
114	0		0
115	0		0
116	0		0
117	0		0
118	0		0
119	0		0
120	0		1
121	0		

122	0
123	0
124	2

Size and frequency of SeNP detected in: Butter Lettuce Replicate 2 Plant 3 Shoot

Table S49.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	2255	2133	2191
34	0	0	0
35	0	0	0
36	0	0	0
37	0	0	0
38	2122	2169	2048
39	0	0	0
40	0	0	0
41	0	0	0
42	1740	1714	1772
43	0	0	0
44	0	0	0
45	558	555	586
46	0	0	0
47	0	0	0
48	269	272	238
49	0	0	0
50	140	131	119
51	0	0	0
52	0	0	0
53	67	73	54
54	0	0	0
55	30	35	24
56	0	0	0
57	12	13	15
58	6	8	9
59	0	0	0
60	6	4	7
61	0	0	0
62	3	7	0
63	0	2	3
64	0	0	0
65	0	1	1
66	0	3	0
67	0	0	0

68	0	0	0
69	0	0	0
70	0	0	0
71	0	1	0
72	0	0	0
73	0	0	0
74	0	0	0
75	0	0	0
76	0	1	0
77	0	1	1
78	0	1	0
79	0	0	0
80	1	1	0
81		0	0
82		0	0
83		0	0
84		0	1
85		1	0
86		0	0
87		0	1
88		0	0
89		0	0
90		1	0
91		0	1
92		0	0
93		0	0
94		0	0
95		1	0
96			0
97			1
98			0
99			0
100			0
101			0
102			1

Size and frequency of SeNP detected in: Linum Replicate 1 Plant 1 Root

Table S50.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	1386	1375	1384
34	0	0	0
35	0	0	0
36	0	0	0
37	0	0	0
38	1276	1229	1298
39	0	0	0
40	0	0	0
41	0	0	0
42	977	1016	1041
43	0	0	0
44	0	0	0
45	295	303	261
46	0	0	0
47	0	0	0
48	106	100	108
49	0	0	0
50	57	49	42
51	0	0	0
52	0	0	0
53	20	24	18
54	0	0	0
55	16	7	11
56	0	0	0
57	9	6	7
58	3	2	3
59	0	0	0
60	0	2	5
61	0	0	0
62	1	3	1
63	0	1	2
64	0	0	0
65	4	1	1
66	1	1	1
67	0	0	0

68	0	0	0
69	1	0	1
70	2	1	0
71	0	0	0
72	0	1	0
73	0	0	0
74	1	1	0
75	0	0	0
76	1	0	2
77	0	0	0
78	0	0	0
79	0	0	1
80	0	1	0
81	1	0	0
82	0	0	0
83	0	0	0
84	0	2	1
85	0	0	1
86	0	0	0
87	0	0	0
88	0	0	0
89	0	1	1
90	0	0	0
91	0	1	1
92	0	0	0
93	0	0	0
94	0	0	0
95	0	0	0
96	0	0	0
97	0	0	0
98	1	0	0
99	0	0	0
100	0	0	0
101	0	0	1
102	0	0	0
103	0	0	2
104	0	0	0
105	0	0	0
106	0	0	0
107	0	0	0
108	0	0	0
109	0	0	0
110	0	0	0
111	0	0	0
112	0	0	0
113	0	0	0

114	0	0	0
115	1	0	0
116	0	0	0
117	0	0	0
118	0	0	0
119	0	0	0
120	0	0	0
121	0	0	1
122	0	0	0
123	0	0	0
124	0	0	0
125	0	0	0
126	0	0	0
127	0	0	0
128	0	0	0
129	0	0	0
130	0	0	0
131	0	0	0
132	0	0	0
133	0	0	0
134	0	0	0
135	0	0	0
136	0	0	0
137	0	0	0
138	0	0	0
139	0	0	0
140	0	0	0
141	0	0	1
142	0	0	
143	1	0	
144		0	
145		0	
146		0	
147		0	
148		0	
149		0	
150		0	
151		0	
152		0	
153		0	
154		0	
155		0	
156		0	
157		0	
158		0	
159		0	

160	0
161	0
162	0
163	0
164	0
165	0
166	0
167	0
168	0
169	0
170	0
171	1

Size and frequency of SeNP detected in: Linum Replicate 1 Plant 2 Root

Table S51.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	5	1199	1158
34	0	0	0
35	0	0	0
36	0	0	0
37	0	0	0
38	31	1160	1121
39	0	0	0
40	0	0	0
41	0	0	0
42	23	865	835
43	0	0	0
44	0	0	0
45	45	253	214
46	0	0	0
47	0	0	0
48	49	96	101
49	0	0	0
50	20	40	34
51	0	0	0
52	0	0	0
53	9	16	6
54	0	0	0
55	5	7	3
56	0	0	0
57	6	3	4
58	2	1	1
59	0	0	0
60	2	2	3
61	0	0	0
62	3	0	0
63	3	0	1
64	0	0	0
65	3	4	1
66	1	1	0
67	1	0	1

68	0	0	0
69	2	0	1
70	1	0	0
71	0	0	0
72	1	0	0
73	0	0	0
74	0	0	0
75	0	0	0
76	2	0	0
77	0	0	0
78	0	0	0
79	0	0	0
80	0	0	0
81	0	0	0
82	0	0	0
83	0	0	0
84	0	0	0
85	0	0	0
86	0	0	0
87	0	0	0
88	0	0	0
89	0	0	0
90	0	0	0
91	1	0	0
92	0	0	0
93	0	0	0
94	0	0	0
95	0	0	0
96	0	0	1
97	0	0	
98	1	0	
99	0	0	
100	0	0	
101	0	0	
102	0	0	
103	0	0	
104	0	0	
105	0	0	
106	0	0	
107	0	0	
108	0	0	
109	0	0	
110	0	0	
111	1	0	
112	0	0	
113	0	0	

114	0	0
115	0	0
116	0	0
117	0	0
118	0	0
119	0	0
120	0	0
121	0	0
122	0	0
123	1	0
124		0
125		0
126		1

Size and frequency of SeNP detected in: Linum Replicate 1 Plant 3 Root

Table S52.

Diameter (nm)	Frequency	Frequency	Frequency
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	0	0	0
44	111	76	2668
45	0	0	0
46	0	0	0
47	0	0	0
48	0	0	0
49	0	0	0
50	334	279	2567
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	318	266	1891
56	0	0	0
57	0	0	0
58	0	0	0
59	0	0	0
60	353	264	527
61	0	0	0
62	0	0	0
63	154	137	210
64	0	0	0
65	0	0	0
66	0	0	0
67	58	49	73
68	0	0	0
69	0	0	0
70	24	21	29
71	0	0	0
72	0	0	0
73	7	13	13
74	0	0	0
75	4	5	2
76	0	0	0
77	0	0	0

78	1	5	5
79	0	0	0
80	2	2	2
81	0	0	0
82	0	1	1
83	0	0	0
84	0	0	1
85	0	0	0
86	1	1	1
87	0	0	0
88	1	1	1
89	0	0	0
90	0	0	0
91	0	1	2
92	0	0	0
93	1	0	0
94	0	0	0
95	1	1	0
96	1	0	0
97	0	0	0
98	0	1	0
99	0	0	0
100	0	0	0
101	0	0	0
102	2	0	0
103	0	0	0
104	0	0	0
105	0	0	0
106	0	0	0
107	0	0	1
108	0	0	
109	0	0	
110	0	0	
111	0	0	
112	1	1	
113	0	0	
114	0	0	
115	0	0	
116	0	0	
117	0	0	
118	1	0	
119		1	
120		0	
121		0	
122		0	
123		0	

124	0
125	0
126	0
127	0
128	0
129	0
130	0
131	0
132	0
133	0
134	0
135	0
136	0
137	0
138	1

Size and frequency of SeNP detected in: Linum Replicate 2 Plant 1 Root

Table S53.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	0	0	0
44	989	934	860
45	0	0	0
46	0	0	0
47	0	0	0
48	0	0	0
49	0	0	0
50	909	891	781
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	656	693	586
56	0	0	0
57	0	0	0
58	0	0	0
59	0	0	0
60	127	129	120
61	0	0	0
62	0	0	0
63	45	44	41
64	0	0	0
65	0	0	0
66	0	0	0
67	14	7	15
68	0	0	0
69	0	0	0
70	4	3	4
71	0	0	0
72	0	0	0
73	4	5	5
74	0	0	0
75	2	2	2
76	0	0	0

77	0	0	0
78	2	0	0
79	0	0	0
80	1	1	1
81	0	0	0
82	1	1	0
83	0	0	0
84	0	0	1
85	0	0	0
86	0	0	0
87	0	0	0
88	0	0	1
89	0	0	0
90	0	0	0
91	0	0	0
92	0	0	0
93	0	0	0
94	0	0	0
95	0	0	1
96	0	0	0
97	0	0	0
98	0	1	0
99	0		0
100	0		0
101	0		0
102	0		0
103	0		0
104	0		0
105	0		0
106	0		0
107	0		0
108	0		0
109	0		0
110	0		0
111	0		0
112	0		0
113	0		0
114	0		0
115	0		0
116	0		0
117	0		1
118	0		
119	0		
120	0		
121	0		
122	0		

123	0
124	0
125	0
126	0
127	0
128	0
129	0
130	0
131	0
132	1

Size and frequency of SeNP detected in: Linum Replicate 2 Plant 2 Root

Table S54.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	0	0	0
44	2111	1884	693
45	0	0	0
46	0	0	0
47	0	0	0
48	0	0	0
49	0	0	0
50	1881	1825	727
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	1465	1367	609
56	0	0	0
57	0	0	0
58	0	0	0
59	0	0	0
60	382	342	302
61	0	0	0
62	0	0	0
63	154	125	103
64	0	0	0
65	0	0	0
66	0	0	0
67	67	47	45
68	0	0	0
69	0	0	0
70	31	18	19
71	0	0	0
72	0	0	0
73	6	11	5
74	0	0	0
75	2	6	7
76	0	0	0

77	0	0	0
78	4	3	4
79	0	0	0
80	3	2	3
81	0	0	0
82	2	1	1
83	0	0	0
84	0	2	2
85	0	0	0
86	2	1	1
87	0	0	0
88	1	1	1
89	0	0	0
90	1	0	0
91	1	0	1
92	0	0	0
93	2	0	0
94	0	0	0
95	0	1	0
96	1	1	1
97	0	0	0
98	1	1	0
99	0	0	0
100	0	0	0
101	0	0	0
102	0	0	0
103	0	0	1
104	0	0	0
105	0	0	1
106	0	0	0
107	0	0	2
108	0	0	0
109	0	0	0
110	0	0	0
111	0	0	0
112	0	0	0
113	0	0	1
114	0	0	0
115	0	0	0
116	0	1	0
117	0	0	0
118	0	0	0
119	0	0	0
120	0	0	0
121	0	0	0
122	1	0	0

123	0	0	0
124	0	0	0
125	0	0	0
126	1	1	1
127	0	0	0
128	0	0	0
129	0	0	0
130	0	0	0
131	0	0	0
132	0	0	0
133	0	0	0
134	0	0	0
135	0	0	0
136	0	0	0
137	0	0	0
138	0	0	0
139	0	0	0
140	0	0	0
141	0	0	0
142	0	0	0
143	0	0	0
144	0	0	0
145	0	0	0
146	0	0	0
147	0	0	0
148	0	0	0
149	0	0	0
150	0	0	0
151	0	0	0
152	0	0	0
153	0	0	0
154	0	0	0
155	0	0	0
156	0	0	0
157	0	0	0
158	0	0	0
159	0	0	0
160	0	0	1
161	0	0	0
162	0	0	0
163	0	1	0
164	0	0	0
165	0	0	0
166	0	0	0
167	0	0	0
168	0	0	0

169	0	0	0
170	0	0	0
171	0	0	0
172	0	0	0
173	0	0	0
174	0	0	0
175	0	0	0
176	0	0	0
177	0	0	0
178	0	0	0
179	0	1	0
180	0		0
181	0		0
182	0		0
183	0		1
184	0		0
185	0		0
186	0		0
187	0		0
188	0		0
189	0		0
190	0		0
191	0		0
192	0		0
193	0		0
194	0		1
195	0		
196	0		
197	0		
198	0		
199	0		
200	0		
201	0		
202	0		
203	0		
204	0		
205	0		
206	0		
207	0		
208	0		
209	0		
210	0		
211	0		
212	0		
213	1		

Size and frequency of SeNP detected in: Linum Replicate 2 Plant 3 Root

Table S55.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	8	2	2
34	0	0	0
35	0	0	0
36	0	0	0
37	0	0	0
38	14	8	15
39	0	0	0
40	0	0	0
41	0	0	0
42	21	21	23
43	0	0	0
44	0	0	0
45	19	29	23
46	0	0	0
47	0	0	0
48	39	35	34
49	0	0	0
50	10	11	18
51	0	0	0
52	0	0	0
53	7	6	7
54	0	0	0
55	5	13	3
56	0	0	0
57	5	2	4
58	6	3	4
59	0	0	0
60	3	4	2
61	0	0	0
62	3	2	0
63	3	1	0
64	0	0	0
65	0	1	3
66	1	1	1
67	3	1	0

68	0	0	0
69	1	2	0
70	1	1	1
71	2	0	1
72	0	0	0
73	0	0	0
74	0	2	0
75	3	0	0
76	1	0	0
77	1	0	0
78	2	0	0
79	0	0	0
80	1	0	1
81	3	0	2
82	0	2	2
83	0	0	1
84	1	0	0
85	0	0	1
86	1	0	3
87	0	1	1
88	0	0	0
89	0	0	0
90	0	0	0
91	1	1	0
92	0	0	0
93	1	0	0
94	2	0	0
95	0	1	1
96	1	1	0
97	0	0	0
98	0	0	0
99	0	1	0
100	0	0	0
101	0	0	0
102	0	0	1
103	0	2	0
104	2	0	0
105	0	0	0
106	0	2	1
107	0	0	0
108	0	0	0
109	1	0	0
110	0	0	1
111	0	0	0
112	1	0	0
113	0	2	0

114	0	0	1
115	0	0	0
116	0	0	0
117	0	0	0
118	0	0	0
119	0	1	1
120	0	0	0
121	0	2	0
122	0	0	0
123	0	0	0
124	0	0	0
125	0	0	1
126	0	0	0
127	0	0	0
128	1	0	0
129		0	0
130		0	0
131		0	0
132		0	0
133		0	0
134		0	0
135		1	0
136		0	0
137		0	0
138		0	0
139		0	1
140		0	0
141		0	0
142		0	0
143		0	0
144		0	1
145		0	
146		0	
147		0	
148		0	
149		0	
150		0	
151		0	
152		0	
153		0	
154		0	
155		0	
156		0	
157		0	
158		0	
159		1	

Size and frequency of SeNP detected in: Linum Replicate 1 Plant 1 Shoot

Table S56.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	187	161	43
34	0	0	0
35	0	0	0
36	0	0	0
37	0	0	0
38	376	398	87
39	0	0	0
40	0	0	0
41	0	0	0
42	782	782	151
43	0	0	0
44	0	0	0
45	259	245	193
46	0	0	0
47	0	0	0
48	91	99	80
49	0	0	0
50	16	23	20
51	0	0	0
52	0	0	0
53	8	12	12
54	0	0	0
55	3	0	1
56	0		0
57	2		2
58			0
59			0
60			0
61			0
62			1
63			0
64			0
65			0
66			0
67			0

68	0
69	0
70	0
71	1
72	0
73	0
74	0
75	0
76	0
77	0
78	0
79	0
80	1

Size and frequency of SeNP detected in: Linum Replicate 1 Plant 2 Shoot

Table S57.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	3	9	11
34	0	0	0
35	0	0	0
36	0	0	0
37	0	0	0
38	5	24	35
39	0	0	0
40	0	0	0
41	0	0	0
42	11	33	43
43	0	0	0
44	0	0	0
45	21	38	78
46	0	0	0
47	0	0	0
48	21	40	12
49	0	0	0
50	4	18	5
51	0	0	0
52	0	0	0
53	0	8	3
54	0	0	0
55	1	4	2
56	0	0	0
57	0	5	0
58	0	0	0
59	0	0	0
60	0	0	0
61	0	0	0
62	0	3	0
63	0	0	0
64	0	0	0
65	0	1	0
66	1	2	0
67	1	1	0

68	0	0	0
69	0	1	0
70	0	0	0
71	0	0	0
72	0	1	0
73	0	0	0
74	1	0	0
75	0	1	0
76	1	1	0
77		0	0
78		0	0
79		2	0
80		0	0
81		0	0
82		1	0
83		3	0
84		1	0
85		0	0
86		0	0
87		1	0
88		0	0
89		0	0
90		0	0
91		1	0
92		0	0
93		0	0
94		0	0
95		1	0
96		0	0
97		1	0
98		1	0
99		0	0
100		0	0
101		0	0
102		0	0
103		0	0
104		0	0
105		0	0
106		0	0
107		0	0
108		0	0
109		0	0
110		0	0
111		0	0
112		0	0
113		1	0

114	0	0
115	0	0
116	0	0
117	0	0
118	0	0
119	0	0
120	0	0
121	0	1
122	0	
123	0	
124	0	
125	0	
126	0	
127	0	
128	1	
129	0	
130	0	
131	0	
132	0	
133	0	
134	0	
135	0	
136	0	
137	0	
138	0	
139	0	
140	0	
141	1	

Size and frequency of SeNP detected in: Linum Replicate 1 Plant 3 Shoot

Table S58.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	0	0	0
44	1	0	71
45	0	0	0
46	0	0	0
47	0	0	0
48	0	0	0
49	0	0	0
50	0	0	155
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	0	0	273
56	0	0	0
57	0	0	0
58	0	0	0
59	0	0	0
60	0	0	60
61	0	0	0
62	0	0	0
63	0	0	15
64	0	0	0
65	0	0	0
66	0	0	0
67	0	0	3
68	0	0	0
69	0	0	0
70	2	0	1
71	0	0	
72	0	0	
73	0	0	
74	0	0	
75	0	0	
76	0	0	

77	0	0
78	1	0
79	0	0
80	1	0
81	0	0
82	0	0
83	0	0
84	0	0
85	0	0
86	0	0
87	0	0
88	0	0
89	0	0
90	0	0
91	0	0
92	0	0
93	0	0
94	0	0
95	0	0
96	0	0
97	0	0
98	0	0
99	0	0
100	0	0
101	0	0
102	0	0
103	0	0
104	0	0
105	0	0
106	0	0
107	0	0
108	0	0
109	0	0
110	0	0
111	0	0
112	0	0
113	0	0
114	0	0
115	0	0
116	0	0
117	0	0
118	0	0
119	0	0
120	0	0
121	0	1
122	0	0

123	0	0
124	0	0
125	0	0
126	0	0
127	0	0
128	0	0
129	0	0
130	0	0
131	0	0
132	0	0
133	0	0
134	0	1
135	0	
136	0	
137	0	
138	0	
139	0	
140	0	
141	0	
142	0	
143	0	
144	0	
145	0	
146	0	
147	0	
148	0	
149	0	
150	0	
151	0	
152	0	
153	0	
154	0	
155	0	
156	0	
157	0	
158	0	
159	0	
160	0	
161	0	
162	0	
163	0	
164	0	
165	0	
166	0	
167	0	
168	0	

169	0
170	0
171	0
172	0
173	0
174	0
175	0
176	0
177	0
178	0
179	0
180	0
181	0
182	0
183	0
184	0
185	0
186	0
187	0
188	0
189	0
190	0
191	0
192	0
193	0
194	0
195	0
196	0
197	0
198	0
199	0
200	0
201	0
202	0
203	0
204	0
205	0
206	0
207	0
208	0
209	0
210	0
211	0
212	0
213	0
214	0

215	0
216	0
217	0
218	0
219	0
220	0
221	0
222	0
223	0
224	0
225	0
226	0
227	0
228	0
229	0
230	0
231	1

Size and frequency of SeNP detected in: Linum Replicate 2 Plant 1 Shoot

Table S59.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	0	0	0
44	122	121	140
45	0	0	0
46	0	0	0
47	0	0	0
48	0	0	0
49	0	0	0
50	265	245	224
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	474	452	463
56	0	0	0
57	0	0	0
58	0	0	0
59	0	0	0
60	95	93	95
61	0	0	0
62	0	0	0
63	23	22	18
64	0	0	0
65	0	0	0
66	0	0	0
67	2	3	3
68		0	0
69		0	0
70		0	1
71		0	0
72		0	0
73		2	1
74		0	0
75		1	0
76			0

77
78

0
1

Size and frequency of SeNP detected in: Linum Replicate 2 Plant 2 Root

Table S60.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
35	12	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	0	0	0
44	75	32	35
45	0	0	0
46	0	0	0
47	0	0	0
48	0	0	0
49	0	0	0
50	145	61	69
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	151	117	119
56	0	0	0
57	0	0	0
58	0	0	0
59	0	0	0
60	29	24	27
61	0	0	0
62	0	0	0
63	6	8	5
64	0	0	0
65	0	0	0
66	0	0	0
67	3	1	1
68	0	0	0
69	0	0	0
70	0	0	0
71	0	0	0
72	0	0	0
73	1	1	0
74	0		0
75	0		1
76	0		0

77	0	0
78	0	0
79	0	0
80	0	0
81	0	0
82	0	0
83	0	0
84	1	0
85		0
86		1

Size and frequency of SeNP detected in: Linum Replicate 2 Plant 3 Root

Table S61.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	127	125	83
34	0	0	0
35	0	0	0
36	0	0	0
37	0	0	0
38	389	385	264
39	0	0	0
40	0	0	0
41	0	0	0
42	376	362	233
43	0	0	0
44	0	0	0
45	403	389	241
46	0	0	0
47	0	0	0
48	316	294	203
49	0	0	0
50	190	143	126
51	0	0	0
52	0	0	0
53	103	92	97
54	0	0	0
55	64	57	49
56	0	0	0
57	45	21	29
58	26	28	25
59	0	0	0
60	29	13	14
61	0	0	0
62	11	10	15
63	6	7	7
64	0	0	0
65	7	4	4
66	0	7	3
67	2	1	2

68	0	0	0
69	3	5	1
70	4	4	2
71	1	1	3
72	6	3	2
73	0	0	0
74	4	1	2
75	1	1	1
76	0	0	0
77	2	2	1
78	1	0	1
79	3	1	0
80	0	1	2
81	2	0	2
82	1	1	1
83	1	0	1
84	1	1	1
85	0	0	1
86	1	1	1
87	0	1	2
88	1	0	0
89	2	0	0
90	1	0	0
91	0	0	3
92	1	0	0
93	0	1	2
94	0	0	1
95	2	2	1
96	0	0	2
97	0	0	1
98	0	0	0
99	1	1	0
100	0	1	2
101	0	0	0
102	0	0	0
103	2	0	0
104	0	0	0
105	0	1	0
106	0	1	0
107	1	1	0
108	2	0	2
109	0	1	0
110	0	0	1
111	2	0	1
112	0	0	1
113	0	0	0

114	2	1	1
115	2	1	0
116	0	0	0
117	0	0	0
118	0	0	0
119	1	0	0
120	0	0	1
121	0	1	1
122	1	0	0
123	0	0	2
124	0	0	1
125	0	0	0
126	0	0	0
127	0	0	0
128	0	0	0
129	0	1	0
130	0	0	0
131	0	1	1
132	1	0	1
133	0	0	0
134	0	0	0
135	0	0	0
136	0	1	1
137	0	0	1
138	0	1	1
139	0	0	0
140	0	0	0
141	0	0	0
142	0	0	0
143	0	0	0
144	0	0	1
145	0	0	0
146	0	0	0
147	0	0	0
148	0	0	1
149	0	1	0
150	0	1	1
151	0	0	0
152	0	0	1
153	0	0	0
154	0	0	0
155	0	0	0
156	0	0	0
157	0	0	0
158	0	0	0
159	0	0	0

160	0	0	0
161	0	2	0
162	0	0	0
163	0	0	1
164	0	0	0
165	0	0	0
166	0	0	0
167	0	0	0
168	0	0	0
169	0	1	0
170	0	0	0
171	0	0	0
172	0	0	0
173	0	0	0
174	0	0	0
175	0	0	0
176	0	0	0
177	0	0	0
178	1	0	0
179	0	0	0
180	0	0	0
181	0	0	0
182	0	0	0
183	0	0	0
184	0	0	0
185	0	0	0
186	0	0	0
187	0	0	0
188	1	0	0
189		0	0
190		0	0
191		0	0
192		0	1
193		0	0
194		0	0
195		0	0
196		0	0
197		1	0
198		0	0
199		0	0
200		0	0
201		0	0
202		1	0
203			0
204			0
205			0

206	0
207	0
208	0
209	0
210	0
211	0
212	0
213	0
214	0
215	0
216	0
217	0
218	0
219	0
220	0
221	0
222	0
223	0
224	0
225	0
226	0
227	0
228	0
229	0
230	0
231	0
232	0
233	0
234	0
235	0
236	0
237	0
238	0
239	0
240	0
241	0
242	0
243	0
244	0
245	0
246	0
247	0
248	0
249	0
250	0
251	0

Size and frequency of SeNP detected in: Lentil Replicate 1 Plant 1 Root

Table S62.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	647	678	690
34	0	0	0
35	0	0	0
36	0	0	0
37	0	0	0
38	665	735	699
39	0	0	0
40	0	0	0
41	0	0	0
42	627	679	637
43	0	0	0
44	0	0	0
45	332	333	328
46	0	0	0
47	0	0	0
48	131	116	100
49	0	0	0
50	55	74	55
51	0	0	0
52	0	0	0
53	15	27	20
54	0	0	0
55	12	15	13
56	0	0	0
57	7	3	7
58	1	5	1
59	0	0	0
60	4	2	4
61	0	0	0
62	1	2	0
63	1	2	1
64	0	0	0
65	0	0	3
66	1	0	0
67	0	2	0

68	0	0	0
69	2	1	1
70	0	2	0
71	0	0	0
72	0	0	0
73	0	0	0
74	1	1	0
75	0	0	1
76	0	2	0
77	1	1	0
78	0	0	1
79	0	0	1
80	1	1	0
81	1	0	1
82	0	1	0
83	0	0	0
84	0	0	1
85	0	0	0
86	0	1	0
87	0	1	1
88	1	0	1
89	0	0	0
90	0	0	1
91	0	1	0
92	1	0	0
93	0	1	0
94	0	0	0
95	0	1	0
96	0	0	0
97	1	0	0
98	0	0	0
99	0	0	0
100	0	0	0
101	0	0	0
102	0	0	0
103	0	0	0
104	0	0	0
105	0	0	0
106	0	0	0
107	1	1	0
108	0		0
109	0		0
110	0		0
111	0		0
112	0		0
113	1		0

114	0	0
115	0	0
116	0	0
117	0	2
118	0	
119	1	
120	0	
121	0	
122	2	
123	0	
124	0	
125	0	
126	0	
127	0	
128	0	
129	0	
130	0	
131	0	
132	0	
133	0	
134	1	
135	0	
136	0	
137	0	
138	0	
139	0	
140	0	
141	0	
142	0	
143	0	
144	0	
145	0	
146	0	
147	0	
148	0	
149	0	
150	0	
151	0	
152	0	
153	0	
154	0	
155	0	
156	0	
157	0	
158	0	
159	0	

160	0
161	0
162	0
163	0
164	0
165	0
166	0
167	0
168	0
169	0
170	0
171	0
172	0
173	0
174	0
175	0
176	0
177	0
178	0
179	0
180	0
181	0
182	0
183	0
184	0
185	0
186	0
187	0
188	0
189	0
190	0
191	0
192	0
193	0
194	0
195	0
196	0
197	0
198	0
199	0
200	1

Size and frequency of SeNP detected in: Lentil Replicate 1 Plant 2 Root

Table S63.

Replicate 1	Lentil	Root	Plant 3
	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	8	5	0
34	0	0	0
35	0	0	0
36	0	0	0
37	0	0	0
38	25	31	0
39	0	0	0
40	0	0	0
41	0	0	0
42	20	23	0
43	0	0	0
44	0	0	0
45	37	45	1
46	0	0	0
47	0	0	0
48	39	49	1
49	0	0	0
50	17	20	1
51	0	0	0
52	0	0	0
53	13	9	2
54	0	0	0
55	9	5	0
56	0	0	0
57	1	6	0
58	1	2	0
59	0	0	0
60	2	2	0
61	0	0	0
62	1	3	0
63	1	3	0
64	0	0	0
65	1	3	0

66	1	1	0
67	1	1	1
68	0	0	0
69	1	2	0
70	0	1	0
71	2	0	0
72	1	1	0
73	0	0	0
74	0	0	0
75	0	0	0
76	0	2	0
77	0	0	0
78	0	0	0
79	1	0	0
80	1	0	0
81	0	0	0
82	2	0	0
83	0	0	0
84	0	0	0
85	0	0	0
86	0	0	0
87	1	0	1
88	0	0	0
89	0	0	0
90	0	0	0
91	0	1	0
92	0	0	0
93	0	0	0
94	1	0	0
95	0	0	0
96	0	0	1
97	0	0	0
98	0	1	0
99	0	0	0
100	0	0	0
101	0	0	0
102	0	0	0
103	0	0	0
104	0	0	0
105	0	0	0
106	0	0	0
107	0	0	1
108	0	0	
109	1	0	
110	0	0	
111	0	1	

112	0	0
113	0	0
114	0	0
115	0	0
116	0	0
117	1	0
118		0
119		0
120		0
121		0
122		0
123		1

Size and frequency of SeNP detected in: Lentil Replicate 1 Plant 3 Root

Table S64.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	0	0	0
44	1977	669	1569
45	0	0	0
46	0	0	0
47	0	0	0
48	0	0	0
49	0	0	0
50	1966	791	1486
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	1554	697	1258
56	0	0	0
57	0	0	0
58	0	0	0
59	0	0	0
60	515	398	334
61	0	0	0
62	0	0	0
63	207	130	158
64	0	0	0
65	0	0	0
66	0	0	0
67	89	76	61
68	0	0	0
69	0	0	0
70	42	30	28
71	0	0	0
72	0	0	0
73	22	20	17
74	0	0	0
75	16	4	5
76	0	0	0

77	0	0	0
78	8	13	9
79	0	0	0
80	7	5	4
81	0	0	0
82	6	8	6
83	0	0	0
84	7	3	1
85	0	0	0
86	2	4	3
87	0	0	0
88	2	7	1
89	0	0	0
90	4	3	0
91	0	0	2
92	0	0	0
93	1	3	1
94	0	0	0
95	3	2	1
96	2	0	0
97	0	0	0
98	1	0	0
99	0	1	1
100	0	0	0
101	0	0	0
102	1	0	1
103	3	0	0
104	0	0	0
105	0	1	0
106	0	1	1
107	0	0	1
108	0	0	1
109	0	0	0
110	0	0	1
111	0	0	1
112	0	0	1
113	0	1	0
114	0	0	0
115	0	1	1
116	0	0	
117	1	0	
118	0	1	
119	0	0	
120	0	0	
121	0	0	
122	0	0	

123	0	0
124	0	1
125	0	0
126	0	0
127	0	1
128	0	0
129	0	0
130	0	0
131	0	0
132	0	1
133	0	
134	0	
135	0	
136	0	
137	0	
138	0	
139	0	
140	0	
141	0	
142	0	
143	0	
144	0	
145	0	
146	0	
147	0	
148	0	
149	0	
150	0	
151	0	
152	0	
153	0	
154	0	
155	0	
156	0	
157	0	
158	0	
159	0	
160	0	
161	0	
162	0	
163	0	
164	0	
165	0	
166	0	
167	0	
168	0	

169	0
170	0
171	0
172	1
173	0
174	0
175	0
176	0
177	0
178	0
179	0
180	1

Size and frequency of SeNP detected in: Lentil Replicate 2 Plant 1 Root

Table S65.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	0	0	0
44	244	40	83
45	0	0	0
46	0	0	0
47	0	0	0
48	0	0	0
49	0	0	0
50	296	90	212
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	257	137	298
56	0	0	0
57	0	0	0
58	0	0	0
59	0	0	0
60	175	138	435
61	0	0	0
62	0	0	0
63	70	186	208
64	0	0	0
65	0	0	0
66	0	0	0
67	43	84	94
68	0	0	0
69	0	0	0
70	28	55	40
71	0	0	0
72	0	0	0
73	13	34	20
74	0	0	0
75	6	21	12
76	0	0	0

77	0	0	0
78	8	9	7
79	0	0	0
80	7	7	5
81	0	0	0
82	6	8	7
83	0	0	0
84	4	10	10
85	0	0	0
86	2	7	4
87	0	0	0
88	2	2	7
89	0	0	0
90	3	5	2
91	1	5	2
92	0	0	0
93	2	3	1
94	0	0	0
95	3	3	3
96	3	3	3
97	0	0	0
98	1	1	2
99	0	1	1
100	0	0	0
101	0	2	0
102	0	1	0
103	3	1	1
104	0	0	0
105	0	1	1
106	2	2	0
107	0	1	0
108	1	2	0
109	0	0	0
110	1	0	0
111	0	0	1
112	0	0	1
113	0	0	0
114	0	0	1
115	0	0	0
116	0	1	0
117	0	0	0
118	0	1	1
119	0	0	0
120	0	1	0
121	1	1	0
122	0	0	0

123	0	0	0
124	1	0	1
125	0	0	0
126	0	0	0
127	0	0	1
128	0	0	1
129	0	1	0
130	0	0	0
131	0	0	0
132	0	1	1
133	0	0	0
134	0	0	0
135	0	0	0
136	0	0	0
137	0	0	0
138	0	0	0
139	1	1	0
140	1	1	0
141	0	0	0
142	0	0	0
143	0	0	0
144	0	0	1
145	0	0	
146	0	0	
147	0	0	
148	0	0	
149	0	0	
150	0	0	
151	0	0	
152	0	0	
153	0	0	
154	0	0	
155	0	0	
156	0	0	
157	0	0	
158	0	0	
159	0	0	
160	0	1	
161	0		
162	0		
163	0		
164	0		
165	0		
166	0		
167	0		
168	0		

169	0
170	0
171	0
172	0
173	0
174	0
175	0
176	0
177	0
178	0
179	0
180	0
181	0
182	0
183	0
184	0
185	0
186	0
187	0
188	0
189	0
190	0
191	0
192	0
193	0
194	0
195	0
196	0
197	0
198	0
199	0
200	0
201	0
202	0
203	0
204	0
205	1

Size and frequency of SeNP detected in: Lentil Replicate 2 Plant 2 Root

Table S66.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	0	0	0
44	173	183	156
45	0	0	0
46	0	0	0
47	0	0	0
48	0	0	0
49	0	0	0
50	335	323	346
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	674	667	587
56	0	0	0
57	0	0	0
58	0	0	0
59	0	0	0
60	238	218	196
61	0	0	0
62	0	0	0
63	83	73	90
64	0	0	0
65	0	0	0
66	0	0	0
67	50	40	26
68	0	0	0
69	0	0	0
70	21	12	16
71	0	0	0
72	0	0	0
73	4	2	4
74	0	0	0
75	4	3	1
76	0	0	0

77	0	0	0
78	2	3	1
79	0	0	0
80	0	2	5
81	0	0	0
82	1	0	0
83	0	0	0
84	0	1	1
85	0	0	0
86	0	1	0
87	0	0	0
88	0	0	2
89	0	0	0
90	0	0	1
91	0	1	0
92	0	0	0
93	0	1	0
94	0	0	0
95	1	0	1
96	0	0	0
97	0	0	0
98	0	1	0
99	0	0	1
100	0	0	0
101	1	0	1
102		0	
103		0	
104		0	
105		0	
106		1	

Size and frequency of SeNP detected in: Lentil Replicate 2 Plant 3 Root

Table S67.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	0	0	0
34	0	0	0
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	0	0	0
44	0	0	0
45	0	1	0
46	0	0	0
47	0	0	0
48	1	1	0
49	0	0	0
50	1	1	0
51	0	0	0
52	0	0	0
53	0	2	0
54	0	0	0
55	0	0	0
56	0	0	0
57	0	0	0
58	0	0	0
59	0	0	0
60	0	0	0
61	0	0	0
62	0	0	0
63	0	0	0
64	0	0	0
65	0	0	0
66	0	0	0
67	0	1	0

68	0	0	0
69	0	0	0
70	0	0	0
71	0	0	0
72	0	0	0
73	0	0	0
74	0	0	0
75	0	0	0
76	0	0	0
77	0	0	0
78	0	0	1
79	1	0	0
80	0	0	0
81	0	0	0
82	1	0	0
83	0	0	0
84	0	0	0
85	0	0	0
86	0	0	0
87	0	1	0
88	0	0	0
89	0	0	0
90	0	0	0
91	0	0	0
92	0	0	0
93	0	0	0
94	0	0	0
95	0	0	0
96	0	1	0
97	0	0	0
98	1	0	0
99	0	0	0
100	0	0	1
101	0	0	0
102	0	0	0
103	0	0	0
104	0	0	0
105	0	0	0
106	0	0	0
107	0	1	0
108	0		0
109	0		0
110	0		0
111	0		0
112	0		0
113	0		0

114	0	0
115	0	0
116	0	0
117	0	0
118	0	0
119	0	0
120	0	0
121	0	1
122	0	0
123	0	0
124	0	0
125	0	0
126	0	0
127	0	0
128	1	0
129	0	0
130	0	0
131	0	0
132	0	0
133	0	0
134	0	0
135	0	0
136	0	0
137	0	0
138	0	0
139	0	0
140	0	0
141	0	0
142	0	0
143	0	0
144	0	0
145	0	0
146	0	0
147	0	0
148	0	0
149	1	0
150	0	0
151	0	0
152	0	0
153	0	0
154	0	0
155	0	0
156	0	0
157	0	0
158	0	0
159	0	0

160	0	0
161	0	0
162	0	0
163	0	0
164	0	0
165	0	0
166	0	0
167	0	0
168	0	0
169	0	0
170	0	0
171	0	0
172	0	0
173	0	0
174	0	0
175	0	0
176	0	0
177	1	0
178	1	0
179		0
180		0
181		0
182		0
183		0
184		0
185		0
186		0
187		0
188		0
189		0
190		0
191		1

Size and frequency of SeNP detected in: Lentil Replicate 1 Plant 1 Shoot

Table S68.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	14	2	2
34	0	0	0
35	0	0	0
36	0	0	0
37	0	0	0
38	41	6	4
39	0	0	0
40	0	0	0
41	0	0	0
42	52	14	3
43	0	0	0
44	0	0	0
45	71	8	2
46	0	0	0
47	0	0	0
48	7	7	3
49	0	0	0
50	5	1	7
51	0	0	0
52	0	0	0
53	2	5	2
54	0	0	0
55	4	2	2
56	0	0	0
57	1	1	1
58	2	1	0
59	0	0	0
60	0	1	0
61	0	0	0
62	0	1	0
63	0	0	0
64	0	0	0
65	1	0	0
66	0	1	0
67	0	0	0

68	0	0	0
69	0	0	0
70	0	0	0
71	0	0	0
72	0	0	1
73	0	0	0
74	0	1	0
75	0	0	0
76	0	0	0
77	0	0	0
78	1	0	0
79	0	0	0
80	0	0	0
81	0	0	0
82	0	0	0
83	0	0	0
84	0	0	0
85	0	0	0
86	0	0	0
87	0	0	0
88	0	0	0
89	0	1	0
90	0		0
91	0		0
92	0		0
93	1		0
94			0
95			1
96			0
97			0
98			0
99			0
100			0
101			0
102			0
103			0
104			0
105			0
106			0
107			0
108			0
109			0
110			0
111			0
112			0
113			0

114	0
115	0
116	0
117	0
118	0
119	0
120	0
121	0
122	0
123	0
124	0
125	0
126	0
127	0
128	0
129	0
130	0
131	0
132	0
133	0
134	0
135	0
136	0
137	0
138	0
139	0
140	0
141	0
142	0
143	0
144	0
145	0
146	0
147	0
148	0
149	0
150	0
151	0
152	0
153	0
154	0
155	0
156	0
157	0
158	0
159	0

160	0
161	0
162	0
163	0
164	0
165	0
166	0
167	0
168	0
169	0
170	0
171	0
172	0
173	0
174	0
175	0
176	0
177	0
178	0
179	0
180	0
181	0
182	0
183	0
184	0
185	0
186	0
187	0
188	0
189	0
190	0
191	0
192	0
193	0
194	0
195	0
196	1

Size and frequency of SeNP detected in: Lentil Replicate 1 Plant 2 Shoot

Table S69.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	12	0	7
34	0	0	0
35	0	0	0
36	0	0	0
37	0	0	0
38	14	0	22
39	0	0	0
40	0	0	0
41	0	0	0
42	26	3	9
43	0	0	0
44	0	0	0
45	30	2	25
46	0	0	0
47	0	0	0
48	27	0	21
49	0	0	0
50	18	4	12
51	0	0	0
52	0	0	0
53	9	4	5
54	0	0	0
55	3	2	6
56	0	0	0
57	4	0	3
58	0	3	1
59	0	0	0
60	2	2	0
61	0	0	0
62	0	2	0
63	0	2	0
64	0	0	0
65	2	1	0
66	0	2	1
67	0	2	0

68	0	0	0
69	0	0	0
70	0	0	0
71	0	0	0
72	0	0	1
73	0	0	0
74	0	0	1
75	0	0	0
76	0	1	0
77	0	0	0
78	0	0	0
79	0	0	0
80	0	0	1
81	0	0	0
82	0	0	0
83	0	0	0
84	0	0	0
85	0	0	0
86	0	1	0
87	0	1	1
88	0	0	0
89	0	0	0
90	0	0	0
91	0	0	0
92	0	0	0
93	0	0	0
94	0	0	0
95	0	0	0
96	0	0	0
97	0	1	0
98	0	0	0
99	0	0	0
100	0	0	0
101	0	0	0
102	0	0	0
103	0	0	0
104	0	0	1
105	0	1	0
106	0	0	1
107	0	1	0
108	0	0	0
109	0	0	0
110	0	0	0
111	0	0	0
112	0	0	0
113	0	0	0

114	0	0	0
115	0	0	0
116	0	0	0
117	0	0	0
118	0	0	0
119	1	0	0
120	0	1	0
121	0	0	0
122	0	0	0
123	0	0	0
124	0	0	0
125	0	0	0
126	0	0	0
127	0	0	0
128	0	0	0
129	0	0	0
130	0	0	0
131	0	0	0
132	0	0	1
133	1	1	
134	0		
135	0		
136	0		
137	0		
138	0		
139	0		
140	0		
141	0		
142	0		
143	0		
144	0		
145	0		
146	0		
147	0		
148	1		

Size and frequency of SeNP detected in: Lentil Replicate 1 Plant 3 Shoot

Table S70.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	0	0	0
44	0	12998	6
45	0	0	0
46	0	0	0
47	0	0	0
48	0	0	0
49	0	0	0
50	0	2558	4
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	0	350	3
56	0	0	0
57	0	0	0
58	0	0	0
59	0	0	0
60	1	62	5
61	0	0	0
62	0	0	0
63	1	13	5
64	0		0
65	0		0
66	0		0
67	0		2
68	0		0
69	0		0
70	0		1
71	0		
72	0		
73	0		
74	0		
75	1		
76	0		

77	0
78	0
79	0
80	0
81	0
82	1
83	0
84	0
85	0
86	0
87	0
88	0
89	0
90	0
91	0
92	0
93	0
94	0
95	0
96	0
97	0
98	0
99	0
100	0
101	1
102	0
103	0
104	0
105	0
106	0
107	0
108	0
109	0
110	0
111	0
112	0
113	0
114	0
115	0
116	0
117	0
118	0
119	0
120	0
121	0
122	0

123	0
124	0
125	0
126	0
127	0
128	0
129	0
130	0
131	0
132	0
133	0
134	0
135	0
136	0
137	0
138	0
139	0
140	0
141	0
142	0
143	0
144	0
145	0
146	0
147	0
148	0
149	0
150	0
151	0
152	0
153	0
154	0
155	0
156	0
157	0
158	0
159	0
160	0
161	0
162	0
163	0
164	0
165	0
166	0
167	0
168	0

169	0
170	0
171	0
172	0
173	0
174	0
175	0
176	0
177	0
178	0
179	0
180	0
181	0
182	0
183	0
184	0
185	0
186	0
187	0
188	0
189	0
190	0
191	0
192	0
193	0
194	0
195	0
196	0
197	0
198	0
199	0
200	0
201	0
202	0
203	0
204	0
205	0
206	0
207	0
208	0
209	0
210	0
211	0
212	0
213	0
214	0

215	0
216	1

Size and frequency of SeNP detected in: Lentil Replicate 2 Plant 1 Shoot

Table S71.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	0	0	0
44	3	2	3
45	0	0	0
46	0	0	0
47	0	0	0
48	0	0	0
49	0	0	0
50	4	3	5
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	6	6	4
56	0	0	0
57	0	0	0
58	0	0	0
59	0	0	0
60	10	5	7
61	0	0	0
62	0	0	0
63	10	14	11
64	0	0	0
65	0	0	0
66	0	0	0
67	8	11	12
68	0	0	0
69	0	0	0
70	13	12	14
71	0	0	0
72	0	0	0
73	9	4	4
74	0	0	0
75	7	8	10
76	0	0	0

77	0	0	0
78	7	8	3
79	0	0	0
80	3	4	6
81	0	0	0
82	6	2	1
83	0	0	0
84	4	4	2
85	0	0	0
86	5	4	5
87	0	0	0
88	5	2	1
89	0	0	0
90	1	6	2
91	4	2	2
92	0	0	0
93	1	5	1
94	0	0	0
95	2	0	4
96	5	1	4
97	0	0	0
98	1	2	0
99	1	1	4
100	0	0	0
101	2	1	0
102	1	1	2
103	1	1	1
104	0	0	0
105	1	0	2
106	2	0	0
107	0	1	1
108	2	3	0
109	0	0	0
110	2	0	1
111	1	2	0
112	0	1	2
113	0	1	0
114	1	0	1
115	1	0	0
116	0	2	2
117	2	2	3
118	1	0	2
119	2	0	1
120	0	0	1
121	1	2	0
122	0	0	0

123	0	1	0
124	1	1	1
125	1	0	0
126	1	0	2
127	0	0	0
128	1	0	0
129	0	1	0
130	0	1	0
131	0	0	0
132	0	0	0
133	0	0	0
134	1	1	0
135	1	0	0
136	0	1	1
137	3	0	0
138	0	0	0
139	0	0	0
140	0	0	1
141	0	0	1
142	0	0	0
143	0	0	0
144	1	0	0
145	0	0	0
146	0	1	0
147	0	0	1
148	0	0	0
149	0	0	0
150	1	0	1
151	0	0	1
152	0	0	0
153	0	0	0
154	2	0	0
155	1	0	0
156	0	0	0
157	0	0	0
158	0	0	0
159	0	0	2
160	1	1	0
161	0	0	0
162	0	0	1
163	0	0	0
164	0	1	0
165	1	1	0
166	0	0	0
167	0	0	0
168	0	0	0

169	0	0	0
170	0	0	0
171	0	0	2
172	0	0	0
173	0	0	0
174	0	0	0
175	0	0	0
176	0	0	0
177	0	1	0
178	0	0	0
179	0	0	0
180	0	0	1
181	0	0	
182	0	0	
183	0	0	
184	0	0	
185	0	0	
186	0	0	
187	0	0	
188	0	0	
189	0	0	
190	0	0	
191	0	0	
192	0	0	
193	0	0	
194	0	0	
195	0	0	
196	0	1	
197	0	0	
198	0	0	
199	1	0	
200	0	0	
201	0	0	
202	0	0	
203	0	0	
204	0	0	
205	0	0	
206	0	0	
207	0	0	
208	0	0	
209	0	0	
210	0	0	
211	1	1	
212	0	0	
213	0	0	
214	0	0	

215	0	0
216	0	0
217	0	1
218	0	0
219	0	1
220	0	0
221	0	0
222	0	0
223	0	0
224	0	0
225	0	0
226	0	0
227	0	0
228	0	0
229	0	0
230	0	0
231	0	1
232	0	0
233	0	1
234	0	0
235	0	0
236	0	0
237	1	0
238	0	0
239	0	0
240	0	0
241	0	0
242	0	0
243	0	0
244	0	0
245	0	0
246	0	0
247	0	0
248	0	0
249	0	0
250	0	0
251	0	0
252	0	0
253	0	0
254	0	0
255	0	0
256	0	0
257	0	0
258	0	0
259	0	0
260	1	0

261	0	0
262	0	0
263	0	0
264	0	0
265	0	0
266	0	0
267	0	0
268	0	0
269	0	0
270	0	0
271	0	0
272	0	0
273	0	0
274	0	0
275	0	0
276	0	0
277	0	0
278	0	0
279	0	0
280	0	0
281	0	0
282	0	0
283	0	0
284	0	0
285	0	0
286	0	0
287	0	0
288	0	0
289	0	0
290	0	0
291	0	0
292	0	0
293	0	0
294	1	0
295	0	0
296	0	0
297	0	0
298	0	0
299	0	0
300	0	0
301	0	0
302	0	0
303	0	0
304	0	0
305	0	0
306	0	0

307	0	0
308	0	0
309	0	0
310	0	0
311	0	0
312	0	0
313	0	0
314	1	0
315		0
316		0
317		0
318		0
319		0
320		0
321		0
322		0
323		0
324		0
325		0
326		0
327		0
328		0
329		0
330		0
331		0
332		0
333		0
334		0
335		0
336		0
337		0
338		0
339		0
340		0
341		0
342		0
343		0
344		0
345		0
346		0
347		0
348		1

Size and frequency of SeNP detected in: Lentil Replicate 2 Plant 2 Shoot

Table S72.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	0	0	0
44	35	31	4
45	0	0	0
46	0	0	0
47	0	0	0
48	0	0	0
49	0	0	0
50	81	63	11
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	92	71	22
56	0	0	0
57	0	0	0
58	0	0	0
59	0	0	0
60	114	115	14
61	0	0	0
62	0	0	0
63	41	31	35
64	0	0	0
65	0	0	0
66	0	0	0
67	10	7	4
68	0	0	0
69	0	0	0
70	4	7	1
71	0	0	0
72	0	0	0
73	1	2	2
74	0	0	0
75	1	0	0
76	0	0	0

77	0	0	0
78	1	0	1
79	0	0	0
80	1	0	1
81	0	0	0
82	1	0	0
83		0	0
84		1	0
85			0
86			0
87			0
88			0
89			0
90			1
91			0
92			0
93			0
94			0
95			0
96			0
97			0
98			0
99			0
100			0
101			0
102			0
103			0
104			0
105			0
106			0
107			0
108			0
109			0
110			0
111			0
112			0
113			0
114			0
115			0
116			0
117			0
118			0
119			0
120			0
121			0
122			0

123	0
124	0
125	0
126	0
127	0
128	0
129	0
130	0
131	0
132	0
133	0
134	0
135	0
136	0
137	0
138	0
139	0
140	0
141	0
142	0
143	0
144	0
145	0
146	0
147	0
148	0
149	0
150	0
151	0
152	0
153	0
154	0
155	0
156	0
157	0
158	0
159	0
160	1
161	0
162	0
163	0
164	0
165	0
166	0
167	0
168	0

169	0
170	0
171	0
172	0
173	0
174	0
175	0
176	0
177	0
178	0
179	0
180	0
181	0
182	0
183	0
184	0
185	0
186	0
187	0
188	0
189	0
190	0
191	0
192	0
193	0
194	0
195	0
196	0
197	0
198	0
199	0
200	0
201	0
202	0
203	0
204	0
205	1

Size and frequency of SeNP detected in: Lentil Replicate 2 Plant 3 Shoot

Table S73.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
30	0	0	0
31	0	0	0
32	0	0	0
33	0	0	0
34	0	0	0
35	0	0	0
36	0	0	0
37	0	0	0
38	5	13	20
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	0	0	0
44	18	16	46
45	0	0	0
46	0	0	0
47	0	0	0
48	22	27	57
49	0	0	0
50	0	0	0
51	0	0	0
52	18	30	70
53	0	0	0
54	0	0	0
55	35	34	72
56	0	0	0
57	0	0	0
58	35	51	31
59	0	0	0
60	0	0	0
61	11	24	20
62	0	0	0
63	13	14	16
64	0	0	0
65	0	0	0
66	10	10	12
67	0	0	0
68	7	10	10
69	0	0	0
70	7	4	2
71	0	0	0

72	3	6	9
73	3	3	8
74	0	0	0
75	1	2	3
76	0	0	0
77	5	4	0
78	4	1	5
79	0	0	0
80	3	2	3
81	3	2	0
82	0	0	0
83	7	5	2
84	1	5	0
85	1	3	3
86	4	2	3
87	0	0	0
88	1	2	1
89	1	2	2
90	2	0	2
91	4	1	0
92	3	1	1
93	0	0	1
94	1	0	0
95	0	0	0
96	0	0	1
97	1	2	1
98	1	2	2
99	1	0	2
100	0	0	1
101	1	1	1
102	1	1	3
103	0	1	1
104	0	1	1
105	0	0	0
106	0	2	1
107	0	0	2
108	0	1	0
109	0	0	1
110	1	0	0
111	0	1	0
112	0	0	0
113	0	1	0
114	0	0	0
115	0	0	0
116	0	0	1
117	0	0	0

118	0	0	0
119	0	0	0
120	2	0	0
121	1	0	0
122	1	0	0
123	0	0	0
124	0	0	0
125	0	0	1
126	0	0	0
127	1	1	0
128	0	1	0
129	0	2	0
130	0	0	0
131	1	0	0
132	0	1	0
133	0	0	0
134	0	0	0
135	0	0	0
136	0	0	0
137	0	0	0
138	0	0	0
139	0	0	0
140	0	0	0
141	0	0	0
142	0	0	0
143	0	1	2
144	0	0	0
145	0	0	0
146	1	0	0
147	0	0	0
148	0	0	0
149	0	0	0
150	0	0	0
151	0	0	0
152	0	0	0
153	0	0	0
154	0	0	0
155	1	0	0
156		0	0
157		1	0
158		0	0
159		1	0
160		0	0
161		0	0
162		0	0
163		0	0

164	0	0
165	0	0
166	0	0
167	0	0
168	0	0
169	0	0
170	0	0
171	0	0
172	0	0
173	0	1
174	0	0
175	1	0
176		0
177		0
178		0
179		0
180		0
181		0
182		0
183		0
184		0
185		0
186		0
187		0
188		0
189		0
190		0
191		0
192		1

Size and frequency of SeNP detected in: Carrot Replicate 1 Plant 1 Root

Table S74.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
30	0	0	0
31	0	0	0
32	0	0	0
33	0	0	0
34	0	0	0
35	0	0	0
36	0	0	0
37	0	0	0
38	7	1	1
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	0	0	0
44	21	2	2
45	0	0	0
46	0	0	0
47	0	0	0
48	25	1	4
49	0	0	0
50	0	0	0
51	0	0	0
52	23	8	8
53	0	0	0
54	0	0	0
55	36	3	5
56	0	0	0
57	0	0	0
58	16	10	14
59	0	0	0
60	0	0	0
61	10	13	9
62	0	0	0
63	7	3	7
64	0	0	0
65	0	0	0
66	7	6	7
67	0	0	0
68	5	4	5
69	0	0	0
70	5	3	5
71	0	0	0

72	2	6	2
73	2	5	8
74	0	0	0
75	0	4	1
76	0	0	0
77	2	5	4
78	2	1	2
79	0	0	0
80	2	2	3
81	2	3	1
82	0	0	0
83	2	2	1
84	1	1	0
85	2	1	2
86	0	2	4
87	0	0	0
88	3	0	2
89	0	2	0
90	2	1	1
91	0	0	2
92	0	0	1
93	3	0	0
94	0	2	1
95	0	0	0
96	0	1	0
97	1	1	1
98	0	0	0
99	1	1	2
100	1	2	0
101	0	1	1
102	0	0	0
103	0	0	0
104	0	1	0
105	1	0	0
106	0	1	0
107	0	1	0
108	0	2	0
109	0	0	0
110	0	0	0
111	0	0	1
112	0	0	0
113	0	0	0
114	0	0	0
115	0	0	1
116	0	0	0
117	0	0	1

118	0	0	0
119	0	0	0
120	0	0	0
121	0	0	0
122	0	0	1
123	0	0	0
124	1	0	0
125	0	0	0
126	0	0	0
127	0	0	0
128	0	0	0
129	0	0	0
130	1	0	0
131	0	0	0
132	0	1	0
133	0	0	0
134	0	0	0
135	0	0	0
136	0	1	0
137	0	0	0
138	0	0	0
139	0	1	0
140	0	1	0
141	0	0	1
142	0	0	1
143	0	0	0
144	0	0	0
145	0	0	0
146	0	0	0
147	0	0	0
148	0	0	0
149	0	0	0
150	0	0	0
151	0	0	0
152	0	0	0
153	0	0	1
154	0	0	0
155	0	0	0
156	0	0	0
157	0	0	0
158	0	0	0
159	0	1	0
160	0	0	0
161	0	0	0
162	1	0	0
163		0	0

164	0	0
165	0	0
166	0	0
167	0	0
168	0	1
169	0	0
170	0	1
171	0	0
172	0	0
173	0	0
174	0	0
175	0	0
176	0	0
177	0	0
178	0	0
179	0	0
180	0	0
181	0	0
182	0	0
183	0	0
184	0	0
185	0	0
186	0	0
187	0	0
188	0	0
189	0	0
190	0	0
191	0	0
192	0	1
193	0	0
194	0	0
195	0	0
196	0	0
197	0	0
198	0	0
199	0	0
200	0	0
201	0	0
202	0	0
203	0	0
204	0	0
205	0	0
206	0	0
207	0	0
208	0	0
209	0	0

210	0	0
211	0	0
212	0	0
213	0	0
214	0	0
215	0	0
216	0	0
217	0	0
218	0	0
219	0	0
220	0	1
221	0	1
222	0	
223	0	
224	0	
225	0	
226	0	
227	0	
228	0	
229	0	
230	0	
231	0	
232	0	
233	0	
234	0	
235	0	
236	0	
237	0	
238	0	
239	0	
240	0	
241	0	
242	0	
243	0	
244	1	

Size and frequency of SeNP detected in: Carrot Replicate 1 Plant 2 Root

Table S75.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
30	0	0	0
31	0	0	0
32	0	0	0
33	0	0	0
34	0	0	0
35	0	0	0
36	0	0	0
37	0	0	0
38	2	5	3
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	0	0	0
44	21	27	35
45	0	0	0
46	0	0	0
47	0	0	0
48	36	33	34
49	0	0	0
50	0	0	0
51	0	0	0
52	46	40	47
53	0	0	0
54	0	0	0
55	43	38	47
56	0	0	0
57	0	0	0
58	40	34	35
59	0	0	0
60	0	0	0
61	36	29	34
62	0	0	0
63	27	25	27
64	0	0	0
65	0	0	0
66	25	16	17
67	0	0	0
68	9	13	25
69	0	0	0
70	6	14	13
71	0	0	0

72	13	14	15
73	10	12	8
74	0	0	0
75	17	9	12
76	0	0	0
77	9	8	8
78	7	6	10
79	0	0	0
80	8	8	6
81	7	6	7
82	0	0	0
83	5	7	6
84	7	7	5
85	6	10	6
86	4	3	4
87	0	0	0
88	3	6	4
89	11	5	5
90	5	1	1
91	5	3	6
92	3	2	0
93	6	3	1
94	1	1	8
95	0	0	0
96	2	5	6
97	2	2	1
98	2	2	0
99	4	2	6
100	4	1	3
101	2	3	2
102	1	1	2
103	1	3	2
104	0	2	2
105	2	4	3
106	1	2	0
107	0	3	1
108	1	0	1
109	1	1	1
110	1	2	1
111	2	1	3
112	2	0	1
113	3	2	0
114	5	2	2
115	1	0	2
116	2	2	2
117	0	0	0

118	1	0	2
119	1	1	1
120	0	1	0
121	0	2	0
122	3	0	2
123	0	0	0
124	2	1	0
125	0	3	0
126	0	2	0
127	0	0	0
128	0	0	1
129	1	0	1
130	1	0	1
131	0	0	2
132	2	0	1
133	0	0	0
134	0	0	0
135	2	0	0
136	1	0	1
137	1	1	1
138	0	1	0
139	0	0	0
140	1	0	0
141	1	0	0
142	0	0	0
143	0	1	1
144	0	1	1
145	0	0	0
146	0	0	0
147	0	1	0
148	0	0	0
149	0	1	1
150	0	0	0
151	0	0	0
152	1	0	1
153	1	0	0
154	0	0	0
155	0	0	1
156	1	0	0
157	0	0	0
158	0	0	1
159	0	0	0
160	0	0	0
161	0	0	0
162	0	1	0
163	0		0

164	0	0
165	0	0
166	0	0
167	0	0
168	0	0
169	0	0
170	0	0
171	0	0
172	0	0
173	0	0
174	0	0
175	0	0
176	0	0
177	0	0
178	0	0
179	0	0
180	0	0
181	0	0
182	0	0
183	0	0
184	0	0
185	0	0
186	0	1
187	0	0
188	0	0
189	0	0
190	1	0
191	0	0
192	0	0
193	0	0
194	0	0
195	0	0
196	0	0
197	0	0
198	0	0
199	0	0
200	0	0
201	0	0
202	0	0
203	0	0
204	0	0
205	0	0
206	0	0
207	0	0
208	0	0
209	0	0

210	0	0
211	0	0
212	0	0
213	0	0
214	0	0
215	0	0
216	0	0
217	0	0
218	0	0
219	0	0
220	0	0
221	0	0
222	0	0
223	0	0
224	0	0
225	0	0
226	0	0
227	0	0
228	0	0
229	0	0
230	0	0
231	0	0
232	0	0
233	0	0
234	0	0
235	0	0
236	0	0
237	0	0
238	0	0
239	0	0
240	0	0
241	0	0
242	0	0
243	0	0
244	0	0
245	0	0
246	0	0
247	0	0
248	0	0
249	0	0
250	0	0
251	0	0
252	0	0
253	0	0
254	0	0
255	0	0

256	0	0
257	0	0
258	0	0
259	0	0
260	0	0
261	0	0
262	0	0
263	0	0
264	0	0
265	0	0
266	0	0
267	0	0
268	0	0
269	0	0
270	0	0
271	0	0
272	0	0
273	0	0
274	0	0
275	0	0
276	0	0
277	0	0
278	0	0
279	1	0
280		0
281		0
282		0
283		0
284		0
285		0
286		0
287		0
288		0
289		0
290		0
291		0
292		0
293		1

Size and frequency of SeNP detected in: Carrot Replicate 1 Plant 3 Root

Table S76.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	0	0	0
44	133	101	634
45	0	0	0
46	0	0	0
47	0	0	0
48	0	0	0
49	0	0	0
50	396	319	747
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	397	303	691
56	0	0	0
57	0	0	0
58	0	0	0
59	0	0	0
60	504	296	347
61	0	0	0
62	0	0	0
63	260	159	110
64	0	0	0
65	0	0	0
66	0	0	0
67	90	72	57
68	0	0	0
69	0	0	0
70	32	35	23
71	0	0	0
72	0	0	0
73	24	18	9

74	0	0	0
75	14	6	10
76	0	0	0
77	0	0	0
78	7	11	3
79	0	0	0
80	7	3	1
81	0	0	0
82	6	2	3
83	0	0	0
84	4	3	0
85	0	0	0
86	3	1	1
87	0	0	0
88	3	1	0
89	0	0	0
90	1	2	0
91	0	1	1
92	0	0	0
93	0	1	1
94	0	0	0
95	0	1	0
96	1	0	2
97	0	0	0
98	2	2	0
99	0	1	1
100	0	0	0
101	0	0	0
102	0	3	0
103	0	0	1
104	0	0	0
105	0	1	0
106	0	0	0
107	0	0	0
108	0	1	0
109	0	0	0
110	0	0	0
111	3	0	0
112	0	1	1
113	0	0	0
114	0	0	0
115	0	0	0
116	0	0	0

117	0	0	0
118	0	0	0
119	0	1	0
120	0	0	0
121	0	1	0
122	0	0	0
123	0	0	0
124	0	0	0
125	0	0	0
126	0	0	0
127	0	0	0
128	0	0	0
129	0	0	0
130	0	1	0
131	0	0	0
132	0	0	0
133	0	0	0
134	0	0	0
135	1	0	0
136	0	0	0
137	0	0	0
138	0	0	0
139	0	1	0
140	0		0
141	0		0
142	0		1
143	0		0
144	0		0
145	0		0
146	0		0
147	0		0
148	0		0
149	0		0
150	0		0
151	0		0
152	0		0
153	0		0
154	0		0
155	0		0
156	0		1
157	0		
158	0		
159	0		

160	0
161	0
162	0
163	0
164	0
165	0
166	0
167	1

Size and frequency of SeNP detected in: Carrot Replicate 2 Plant 1 Root

Table S77.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	0	0	0
44	983	773	738
45	0	0	0
46	0	0	0
47	0	0	0
48	0	0	0
49	0	0	0
50	953	773	736
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	697	565	531
56	0	0	0
57	0	0	0
58	0	0	0
59	0	0	0
60	164	146	124
61	0	0	0
62	0	0	0
63	67	66	46
64	0	0	0
65	0	0	0
66	0	0	0
67	30	22	22
68	0	0	0
69	0	0	0
70	11	16	11
71	0	0	0
72	0	0	0
73	7	9	10

74	0	0	0
75	5	6	5
76	0	0	0
77	0	0	0
78	1	3	2
79	0	0	0
80	0	3	3
81	0	0	0
82	2	1	4
83	0	0	0
84	2	2	0
85	0	0	0
86	0	1	1
87	0	0	0
88	1	3	0
89	0	0	0
90	1	2	0
91	2	1	0
92	0	0	0
93	2	0	0
94	0	0	0
95	0	0	0
96	0	0	0
97	0	0	0
98	1	1	1
99	0	0	1
100	0	0	0
101	0	2	0
102	0	0	0
103	0	0	2
104	0	0	0
105	0	0	0
106	0	0	0
107	0	0	0
108	0	0	0
109	0	0	0
110	0	1	0
111	1	1	0
112	0	1	0
113	0	0	0
114	0	0	0
115	0	0	0
116	0	0	0

117	0	0	1
118	0	0	
119	0	1	
120	0	0	
121	0	0	
122	0	0	
123	1	0	
124	0	0	
125	0	0	
126	1	0	
127	0	0	
128	0	0	
129	1	0	
130	0	0	
131	0	0	
132	0	0	
133	1	0	
134		0	
135		0	
136		1	

Size and frequency of SeNP detected in: Carrot Replicate 2 Plant 2 Root

Table S78.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	0	0	0
44	2526	102	2315
45	0	0	0
46	0	0	0
47	0	0	0
48	0	0	0
49	0	0	0
50	2291	317	2114
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	1868	291	1640
56	0	0	0
57	0	0	0
58	0	0	0
59	0	0	0
60	521	301	513
61	0	0	0
62	0	0	0
63	208	214	185
64	0	0	0
65	0	0	0
66	0	0	0
67	99	85	74
68	0	0	0
69	0	0	0
70	38	58	39
71	0	0	0
72	0	0	0
73	25	17	16

74	0	0	0
75	8	5	10
76	0	0	0
77	0	0	0
78	2	1	1
79	0	0	0
80	5	0	0
81	0	0	0
82	3	3	2
83	0	0	0
84	1	2	0
85	0	0	0
86	0	0	2
87	0	0	0
88	1	3	0
89	0	0	0
90	0	0	0
91	1	1	0
92	0	0	0
93	0	0	1
94	0	0	0
95	0	0	0
96	1	0	0
97	0	0	0
98	1	1	0
99	0	0	0
100	0	0	0
101	1	0	0
102	0	0	0
103	0	0	0
104	0	0	0
105	0	0	0
106	0	1	0
107	0	0	0
108	0	0	0
109	0	0	0
110	0	1	0
111	0	0	0
112	0	0	0
113	0	0	1
114	0	1	
115	0		
116	0		

117	1
118	1

Size and frequency of SeNP detected in: Carrot Replicate 2 Plant 3 Root

Table S79.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
30	0	0	0
31	0	0	0
32	0	0	0
33	0	0	0
34	0	0	0
35	0	0	0
36	0	0	0
37	0	0	0
38	521	62	61
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	0	0	0
44	1837	119	91
45	0	0	0
46	0	0	0
47	0	0	0
48	368	242	205
49	0	0	0
50	0	0	0
51	0	0	0
52	95	39	34
53	0	0	0
54	0	0	0
55	12	6	6
56	0	0	0
57	0	0	0
58	2	1	3
59			0
60			0
61			2

Size and frequency of SeNP detected in: Carrot Replicate 1 Plant 1 Shoot

Table S80.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency

No particles were detected

Size and frequency of SeNP detected in: Carrot Replicate 1 Plant 2 Shoot

Table S81.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
30	0	1	1
31	0	0	0
32	0	0	0
33	0	0	0
34	0	0	0
35	0	0	0
36	0	0	0
37	0	0	0
38	2	65	6
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	0	0	0
44	8	106	15
45	0	0	0
46	0	0	0
47	0	0	0
48	8	117	15
49	0	0	0
50	0	0	0
51	0	0	0
52	15	17	7
53	0	0	0
54	0	0	0
55	1	1	2
56	0	0	0
57	0	0	0
58	0	2	1
59	0	0	0
60	0	0	0
61	1	0	1
62	0	0	0
63	0	1	0
64	0	0	0
65	0	0	0
66	1	1	0
67	0	0	0
68	0	1	0

69	0	0
70	0	0
71	0	0
72	0	1
73	0	0
74	0	0
75	2	0
76		0

Size and frequency of SeNP detected in: Carrot Replicate 1 Plant 3 Shoot

Table S82.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	0	0	0
44	65	100	95
45	0	0	0
46	0	0	0
47	0	0	0
48	0	0	0
49	0	0	0
50	210	345	353
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	204	449	443
56	0	0	0
57	0	0	0
58	0	0	0
59	0	0	0
60	208	346	318
61	0	0	0
62	0	0	0
63	81	60	57
64	0	0	0
65	0	0	0
66	0	0	0
67	17	14	12
68	0	0	0
69	0	0	0
70	4	3	2
71	0	0	
72	0	0	
73	1	1	

74	0	0
75	0	1
76	0	
77	0	
78	0	
79	0	
80	0	
81	0	
82	0	
83	0	
84	0	
85	0	
86	0	
87	0	
88	0	
89	0	
90	1	
91	0	
92	0	
93	0	
94	0	
95	0	
96	0	
97	0	
98	0	
99	0	
100	0	
101	0	
102	0	
103	0	
104	0	
105	0	
106	0	
107	0	
108	0	
109	0	
110	0	
111	1	

Size and frequency of SeNP detected in: Carrot Replicate 2 Plant 1 Shoot

Table S83.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	0	0	0
44	483	483	443
45	0	0	0
46	0	0	0
47	0	0	0
48	0	0	0
49	0	0	0
50	519	437	396
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	388	358	281
56	0	0	0
57	0	0	0
58	0	0	0
59	0	0	0
60	59	65	40
61	0	0	0
62	0	0	0
63	12	16	14
64	0	0	0
65	0	0	0
66	0	0	0
67	4	4	2
68	0	0	0
69	0	0	0
70	0	1	0
71	0	0	0
72	0	0	0
73	0	1	0

74	0	0	0
75	0	1	1
76	0	0	
77	0	0	
78	0	0	
79	0	0	
80	0	0	
81	0	0	
82	1	0	
83		0	
84		0	
85		0	
86		0	
87		0	
88		0	
89		0	
90		0	
91		0	
92		0	
93		0	
94		0	
95		1	

Size and frequency of SeNP detected in: Carrot Replicate 2 Plant 2 Shoot

Table S84.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	0	0	0
44	0	400	0
45	0	0	0
46	0	0	0
47	0	0	0
48	0	0	0
49	0	0	0
50	0	1507	0
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	0	246	0
56	0	0	0
57	0	0	0
58	0	0	0
59	0	0	0
60	0	49	0
61	0	0	0
62	0	0	0
63	0	10	0
64	0	0	0
65	0	0	0
66	0	0	0
67	1	1	0
68	0		0
69	0		0
70	0		0
71			0
72			0
73			1
74			0
75			0
76			0

77	0
78	0
79	0
80	0
81	0
82	0
83	0
84	0
85	0
86	0
87	0
88	0
89	0
90	0
91	0
92	0
93	0
94	0
95	0
96	0
97	0
98	0
99	1

Size and frequency of SeNP detected in: Carrot Replicate 2 Plant 3 Shoot

Table S85.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	484	464	429
34	0	0	0
35	0	0	0
36	0	0	0
37	614	567	508
38	0	0	0
39	0	0	0
40	0	0	0
41	497	493	498
42	0	0	0
43	0	0	0
44	280	255	262
45	0	0	0
46	0	0	0
47	122	101	108
48	0	0	0
49	0	0	0
50	59	50	48
51	0	0	0
52	26	30	32
53	0	0	0
54	22	19	20
55	0	0	0
56	12	13	6
57	0	0	0
58	14	4	5
59	8	15	7
60	0	0	0
61	11	12	9
62	4	5	9
63	0	0	0
64	6	10	5
65	4	7	3
66	0	0	0
67	7	3	3

68	3	11	5
69	2	2	3
70	4	2	4
71	5	5	3
72	0	0	0
73	1	2	3
74	3	3	3
75	3	1	2
76	3	1	1
77	3	2	2
78	3	2	1
79	2	5	1
80	6	6	4
81	2	2	0
82	1	0	3
83	0	1	1
84	1	0	1
85	1	2	2
86	1	3	0
87	1	1	1
88	2	1	1
89	2	1	1
90	3	1	1
91	1	2	0
92	0	1	1
93	2	0	0
94	0	0	1
95	1	2	2
96	1	0	1
97	1	1	0
98	0	4	2
99	1	1	0
100	1	2	0
101	2	0	0
102	1	2	2
103	0	1	1
104	0	1	0
105	0	0	0
106	0	1	0
107	0	0	0
108	1	0	1
109	1	0	0
110	1	1	0
111	0	0	0
112	0	0	0
113	0	0	0

114	0	1	0
115	0	1	0
116	0	1	0
117	3	0	0
118	0	0	0
119	0	0	0
120	0	0	0
121	0	0	0
122	0	0	0
123	0	0	0
124	0	0	1
125	0	0	0
126	0	0	0
127	1	0	0
128	0	0	0
129	0	0	0
130	0	0	0
131	0	0	0
132	0	0	0
133	1	0	1
134	0	0	0
135	0	0	0
136	0	0	0
137	0	0	0
138	0	0	0
139	0	0	0
140	1	0	0
141	0	0	0
142	0	0	0
143	0	1	0
144	0		0
145	1		0
146			0
147			0
148			0
149			0
150			0
151			0
152			0
153			0
154			0
155			0
156			0
157			1
158			0
159			0

160	0
161	0
162	0
163	0
164	0
165	0
166	0
167	0
168	0
169	0
170	0
171	0
172	0
173	0
174	0
175	0
176	0
177	0
178	0
179	0
180	0
181	0
182	0
183	0
184	0
185	0
186	0
187	0
188	1

Size and frequency of SeNP detected in: Cucumber Replicate 1 Plant 1 Root

Table S86.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	120	123	425
34	0	0	0
35	0	0	0
36	0	0	0
37	338	315	865
38	0	0	0
39	0	0	0
40	0	0	0
41	423	396	1742
42	0	0	0
43	0	0	0
44	703	642	840
45	0	0	0
46	0	0	0
47	309	301	380
48	0	0	0
49	0	0	0
50	180	151	173
51	0	0	0
52	71	54	66
53	0	0	0
54	26	24	23
55	0	0	0
56	11	19	13
57	0	0	0
58	10	7	1
59	2	1	2
60	0	0	0
61	1	3	4
62	2	1	3
63	0	0	0
64	1	3	2
65	0	1	1
66	0	0	0
67	0	0	0

68	2	0	0
69	1	2	1
70	0	1	1
71	0	0	0
72	0	0	0
73	0	1	1
74	1	0	0
75	0	0	0
76	1	0	0
77	0	0	0
78	0	0	1
79	0	0	0
80	0	0	1
81	0	0	0
82	0	0	1
83	0	1	0
84	0	0	0
85	0	2	0
86	0	1	1
87	0	1	0
88	0	1	0
89	0	0	0
90	0	0	0
91	0	0	1
92	0	0	
93	0	0	
94	1	0	
95	0	0	
96	0	0	
97	1	0	
98		0	
99		0	
100		0	
101		0	
102		0	
103		0	
104		0	
105		0	
106		0	
107		0	
108		0	
109		0	
110		0	
111		0	
112		0	
113		0	

114	0
115	1

Size and frequency of SeNP detected in: Cucumber Replicate 1 Plant 2 Root

Table S87.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	2054	2172	2065
34	0	0	0
35	0	0	0
36	0	0	0
37	2033	2003	1938
38	0	0	0
39	0	0	0
40	0	0	0
41	1622	1685	1654
42	0	0	0
43	0	0	0
44	546	548	491
45	0	0	0
46	0	0	0
47	237	255	230
48	0	0	0
49	0	0	0
50	109	115	90
51	0	0	0
52	46	52	45
53	0	0	0
54	24	18	26
55	0	0	0
56	7	16	6
57	0	0	0
58	10	3	3
59	2	1	3
60	0	0	0
61	2	2	1
62	3	1	2
63	0	0	0
64	1	1	1
65	1	1	1
66	0	0	0
67	2	0	2

68	0	0	2
69	2	0	1
70	4	1	1
71	0	0	1
72	0	0	0
73	0	0	0
74	0	1	0
75	0	0	0
76	0	0	1
77	1	0	0
78	1	0	1
79	0	0	0
80	0	0	0
81	0	0	0
82	0	0	0
83	0	0	0
84	0	0	0
85	0	0	0
86	0	0	0
87	0	0	0
88	0	0	0
89	0	0	0
90	0	0	1
91	0	0	1
92	0	0	0
93	0	0	0
94	0	0	1
95	0	0	
96	0	0	
97	0	0	
98	0	0	
99	0	0	
100	0	0	
101	0	0	
102	0	0	
103	0	0	
104	1	0	
105	0	0	
106	0	0	
107	0	0	
108	0	0	
109	0	0	
110	0	0	
111	0	0	
112	0	0	
113	0	0	

114	0	0
115	0	0
116	0	0
117	1	0
118		0
119		0
120		0
121		0
122		0
123		0
124		0
125		0
126		0
127		0
128		0
129		0
130		0
131		0
132		0
133		0
134		0
135		0
136		0
137		0
138		0
139		0
140		1

Size and frequency of SeNP detected in: Cucumber Replicate 1 Plant 3 Root

Table S88.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	0	0	0
44	755	701	196
45	0	0	0
46	0	0	0
47	0	0	0
48	0	0	0
49	0	0	0
50	733	711	237
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	544	520	198
56	0	0	0
57	0	0	0
58	0	0	0
59	0	0	0
60	129	98	88
61	0	0	0
62	0	0	0
63	28	28	24
64	0	0	0
65	0	0	0
66	0	0	0
67	12	6	11
68	0	0	0
69	0	0	0
70	1	3	4
71	0	0	0
72	0	0	0
73	1	2	1
74	0	0	0
75	2	0	1
76	0	0	0

77	0	0	0
78	0	0	2
79	0	0	0
80	0	0	1
81	0	0	0
82	0	0	0
83	0	0	0
84	0	0	0
85	0	0	0
86	0	0	0
87	0	0	0
88	0	0	0
89	0	0	0
90	0	0	1
91	1	1	0
92	0	0	0
93	0	0	0
94	0	0	0
95	0	1	0
96	0		0
97	0		0
98	0		0
99	0		0
100	0		0
101	0		0
102	0		0
103	0		0
104	0		0
105	0		0
106	0		1
107	0		1
108	0		0
109	0		0
110	0		0
111	0		0
112	0		0
113	0		0
114	0		0
115	0		0
116	0		0
117	0		0
118	0		0
119	0		0
120	0		0
121	0		1
122	0		

123	0
124	0
125	0
126	0
127	0
128	0
129	0
130	0
131	0
132	0
133	0
134	0
135	0
136	0
137	0
138	0
139	0
140	0
141	0
142	0
143	0
144	0
145	0
146	0
147	0
148	0
149	0
150	0
151	0
152	0
153	0
154	1

Size and frequency of SeNP detected in: Cucumber Replicate 2 Plant 1 Root

Table S89.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	0	0	0
44	215	56	37
45	0	0	0
46	0	0	0
47	0	0	0
48	0	0	0
49	0	0	0
50	411	108	89
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	775	130	112
56	0	0	0
57	0	0	0
58	0	0	0
59	0	0	0
60	287	211	200
61	0	0	0
62	0	0	0
63	82	87	80
64	0	0	0
65	0	0	0
66	0	0	0
67	33	22	33
68	0	0	0
69	0	0	0
70	13	13	10
71	0	0	0
72	0	0	0
73	7	4	3
74	0	0	0
75	5	7	2
76	0	0	0

77	0	0	0
78	1	1	1
79	0	0	0
80	1	1	1
81	0	0	0
82	1	1	2
83	0	0	0
84	0	2	1
85	0	0	0
86	0	0	0
87	0	0	0
88	0	2	1
89	0	0	0
90	1	2	0
91	0	0	1
92	0	0	0
93	0	1	0
94	0	0	0
95	0	1	1
96	0	0	0
97	0	0	0
98	0	0	0
99	1	0	0
100	0	0	0
101	1	0	0
102	0	0	0
103	0	0	0
104	0	0	0
105	0	0	0
106	0	0	0
107	0	0	0
108	0	0	0
109	0	0	0
110	1	0	1
111		0	0
112		0	0
113		0	0
114		0	0
115		0	0
116		0	0
117		0	0
118		0	0
119		0	0
120		0	0
121		0	0
122		1	0

Size and frequency of SeNP detected in: Cucumber Replicate 2 Plant 2 Root

Table S90.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	0	0	0
44	256	62	64
45	0	0	0
46	0	0	0
47	0	0	0
48	0	0	0
49	0	0	0
50	550	144	143
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	973	161	179
56	0	0	0
57	0	0	0
58	0	0	0
59	0	0	0
60	347	240	244
61	0	0	0
62	0	0	0
63	125	87	64
64	0	0	0
65	0	0	0
66	0	0	0
67	39	25	27
68	0	0	0
69	0	0	0
70	11	14	14
71	0	0	0
72	0	0	0
73	5	7	1
74	0	0	0
75	2	3	5
76	0	0	0

77	0	0	0
78	1	0	1
79	0	0	0
80	2	1	4
81	0	0	0
82	0	1	1
83	0	0	0
84	0	2	0
85	0	0	0
86	0	5	2
87	0	0	0
88	1	0	1
89	0	0	0
90	0	0	0
91	0	0	0
92	0	0	0
93	0	0	1
94	0	0	0
95	0	0	0
96	0	0	0
97	0	0	0
98	1	0	0
99	0	2	1
100	0	0	0
101	0	0	1
102	0	1	0
103	1	1	1
104		0	
105		1	
106		0	
107		0	
108		0	
109		0	
110		0	
111		0	
112		0	
113		0	
114		0	
115		0	
116		0	
117		0	
118		0	
119		0	
120		0	
121		0	
122		0	

123	0
124	0
125	0
126	0
127	0
128	0
129	0
130	0
131	0
132	0
133	0
134	0
135	0
136	0
137	0
138	0
139	0
140	0
141	0
142	0
143	0
144	0
145	0
146	0
147	0
148	0
149	0
150	0
151	0
152	0
153	0
154	0
155	0
156	0
157	1
158	0
159	0
160	0
161	0
162	0
163	0
164	0
165	0
166	0
167	0
168	0

169	0
170	0
171	0
172	0
173	0
174	0
175	0
176	0
177	0
178	0
179	0
180	0
181	0
182	0
183	0
184	0
185	0
186	0
187	0
188	0
189	0
190	0
191	0
192	0
193	0
194	0
195	0
196	0
197	0
198	0
199	0
200	0
201	0
202	0
203	0
204	0
205	0
206	0
207	0
208	0
209	0
210	0
211	0
212	0
213	0
214	0

215	0
216	0
217	1

Size and frequency of SeNP detected in: Cucumber Replicate 2 Plant 3 Root

Table S91.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	3	5	10
34	0	0	0
35	0	0	0
36	0	0	0
37	3	11	7
38	0	0	0
39	0	0	0
40	0	0	0
41	2	14	19
42	0	0	0
43	0	0	0
44	8	26	22
45	0	0	0
46	0	0	0
47	9	9	7
48	0	0	0
49	0	0	0
50	3	2	4
51	0	0	0
52	1	2	3
53	0	0	0
54	5	0	2
55	0	0	0
56	1	1	2
57	0	0	0
58	1	2	0
59	0	3	1
60	0	0	0
61	0	0	0
62	2	1	0
63	0	0	0
64	2	0	0
65	0	2	0
66	0	0	0
67	0	0	0

68	0	0	0
69	0	0	0
70	0	0	1
71	1	0	0
72	0	0	0
73	0	1	0
74	0		0
75	1		0
76	0		0
77	0		0
78	0		0
79	1		0
80			0
81			0
82			0
83			0
84			0
85			0
86			0
87			0
88			0
89			0
90			1

Size and frequency of SeNP detected in: Cucumber Replicate 1 Plant 1 Shoot

Table S92.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
26	0	0	0
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	1	41	8
34	0	0	0
35	0	0	0
36	0	0	0
37	2	94	24
38	0	0	0
39	0	0	0
40	0	0	0
41	4	189	18
42	0	0	0
43	0	0	0
44	8	39	35
45	0	0	0
46	0	0	0
47	5	8	6
48	0	0	0
49	0	0	0
50	1	6	1
51	0	0	0
52	0	0	1
53	0	0	0
54	0	0	0
55	0	0	0
56	0	0	1
57	0	0	0
58	1	0	0
59	0	0	1
60	0	0	0
61	0	0	1
62	0	0	0
63	0	0	0
64	1	0	0
65	0	0	1
66	0	0	
67	0	1	

68	0	0
69	0	0
70	0	0
71	0	0
72	0	0
73	0	0
74	0	0
75	0	0
76	0	0
77	0	0
78	0	0
79	0	0
80	0	0
81	0	0
82	0	0
83	0	0
84	0	0
85	0	0
86	0	0
87	0	0
88	0	0
89	0	0
90	0	0
91	0	1
92	0	
93	0	
94	0	
95	0	
96	0	
97	0	
98	0	
99	0	
100	1	
101	0	
102	0	
103	0	
104	0	
105	0	
106	0	
107	0	
108	0	
109	0	
110	0	
111	0	
112	0	
113	0	

114	0
115	0
116	0
117	0
118	0
119	0
120	0
121	0
122	0
123	0
124	0
125	0
126	0
127	0
128	0
129	0
130	0
131	0
132	0
133	0
134	0
135	0
136	0
137	0
138	0
139	0
140	1

Size and frequency of SeNP detected in: Cucumber Replicate 1 Plant 2 Shoot

Table S93.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
26	822	20	17
27	0	0	0
28	0	0	0
29	0	0	0
30	0	0	0
31	0	0	0
32	0	0	0
33	4991	188	216
34	0	0	0
35	0	0	0
36	0	0	0
37	525	375	397
38	0	0	0
39	0	0	0
40	0	0	0
41	59	49	50
42	0	0	0
43	0	0	0
44	6	8	6
45	0	0	0
46	0	0	0
47	4	7	2
48	0	0	0
49	0	0	0
50	2	2	2
51	0	0	0
52	0	0	0
53	0	0	0
54	1	0	0
55	0	0	0
56	0	0	0
57	0	0	0
58	0	0	0
59	0	0	0
60	0	0	0
61	0	0	0
62	0	0	0
63	0	0	0
64	0	0	0
65	1	0	0
66		0	0
67		0	0

68	0	0
69	0	0
70	0	0
71	0	0
72	0	0
73	0	0
74	1	0
75	0	0
76	0	0
77	0	0
78	0	0
79	0	0
80	0	0
81	0	0
82	0	0
83	0	0
84	0	0
85	0	1
86	0	
87	0	
88	0	
89	0	
90	0	
91	0	
92	0	
93	0	
94	0	
95	0	
96	0	
97	0	
98	0	
99	1	

Size and frequency of SeNP detected in: Cucumber Replicate 1 Plant 3 Shoot

Table S94.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
35	1035	28	976
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	0	0	0
44	5842	264	5783
45	0	0	0
46	0	0	0
47	0	0	0
48	0	0	0
49	0	0	0
50	603	468	558
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	57	55	50
56	0	0	0
57	0	0	0
58	0	0	0
59	0	0	0
60	6	5	4
61	0	0	0
62	0	0	0
63	2	0	1
64		0	0
65		0	0
66		0	0
67		1	1
68		0	
69		0	
70		0	
71		0	
72		0	
73		2	

Size and frequency of SeNP detected in: Cucumber Replicate 2 Plant 1 Shoot

Table S95.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
35	1	0	1
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	0	0	0
44	33	135	21
45	0	0	0
46	0	0	0
47	0	0	0
48	0	0	0
49	0	0	0
50	57	478	39
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	62	59	48
56	0	0	0
57	0	0	0
58	0	0	0
59	0	0	0
60	9	11	7
61	0	0	0
62	0	0	0
63	0	2	3
64	0	0	0
65	0	0	0
66	0	0	0
67	0	0	1
68	0	0	0
69	0	0	0
70	0	0	0
71	0	0	0
72	0	0	0
73	0	0	0
74	0	0	0
75	1	0	0
76	0	0	0

77	0	0	0
78	1	1	1
79	0		0
80	1		0
81			0
82			0
83			0
84			0
85			0
86			0
87			0
88			0
89			0
90			0
91			0
92			0
93			0
94			0
95			0
96			0
97			0
98			0
99			0
100			0
101			0
102			0
103			0
104			0
105			0
106			0
107			0
108			0
109			0
110			0
111			0
112			0
113			0
114			0
115			0
116			1

Size and frequency of SeNP detected in: Cucumber Replicate 2 Plant 2 Shoot

Table S96.

	Run 1	Run 2	Run 3
Diameter (nm)	Frequency	Frequency	Frequency
35	0	0	0
36	0	0	0
37	0	0	0
38	0	0	0
39	0	0	0
40	0	0	0
41	0	0	0
42	0	0	0
43	0	0	0
44	0	0	262
45	0	0	0
46	0	0	0
47	0	0	0
48	0	0	0
49	0	0	0
50	1	0	1072
51	0	0	0
52	0	0	0
53	0	0	0
54	0	0	0
55	2	0	156
56	0	0	0
57	0	0	0
58	0	0	0
59	0	0	0
60	3	0	32
61	0	0	0
62	0	0	0
63	1	0	4
64	0	0	0
65	0	0	0
66	0	0	0
67	0	1	1
68	0	0	
69	0	0	
70	0	0	
71	0	0	
72	0	0	
73	0	0	
74	0	0	
75	0	0	
76	0	0	

77	0	0
78	1	0
79	0	0
80	0	0
81	0	0
82	0	0
83	0	0
84	1	0
85	0	0
86	0	0
87		0
88		0
89		0
90		0
91		0
92		0
93		0
94		0
95		0
96		0
97		0
98		0
99		0
100		0
101		0
102		0
103		0
104		0
105		0
106		0
107		0
108		0
109		0
110		0
111		0
112		0
113		0
114		0
115		0
116		0
117		0
118		0
119		0
120		0
121		0
122		0

123	0
124	0
125	0
126	0
127	0
128	0
129	0
130	0
131	0
132	0
133	0
134	0
135	0
136	0
137	0
138	0
139	0
140	0
141	0
142	0
143	0
144	0
145	0
146	0
147	0
148	0
149	0
150	0
151	0
152	0
153	0
154	0
155	0
156	0
157	0
158	0
159	0
160	0
161	0
162	0
163	0
164	0
165	0
166	0
167	0
168	0

169	0
170	0
171	0
172	0
173	0
174	0
175	0
176	0
177	0
178	0
179	0
180	0
181	0
182	0
183	0
184	0
185	0
186	0
187	0
188	0
189	0
190	0
191	0
192	0
193	0
194	0
195	0
196	0
197	0
198	0
199	0
200	0
201	0
202	0
203	0
204	0
205	0
206	0
207	0
208	0
209	0
210	0
211	0
212	0
213	0
214	0

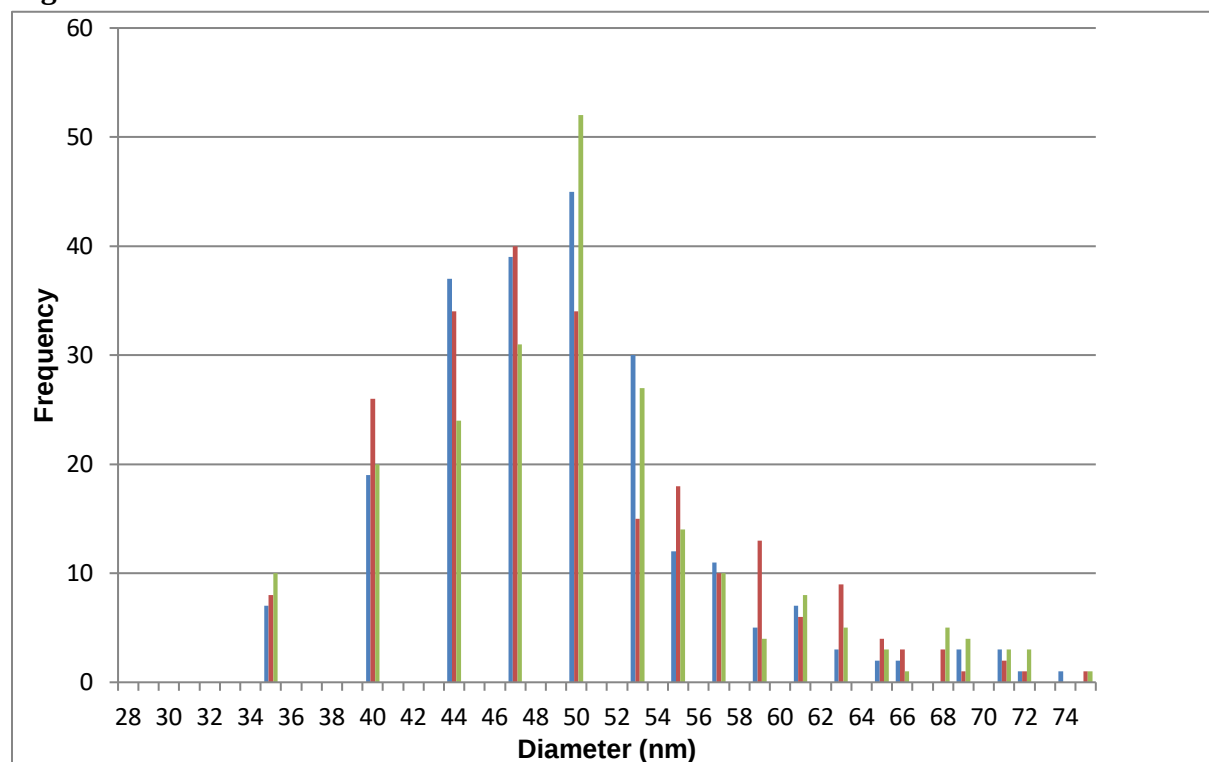
215	0
216	1

Size and frequency of SeNP detected in: Cucumber Replicate 2 Plant 3 Shoot

Figures S97 to S192

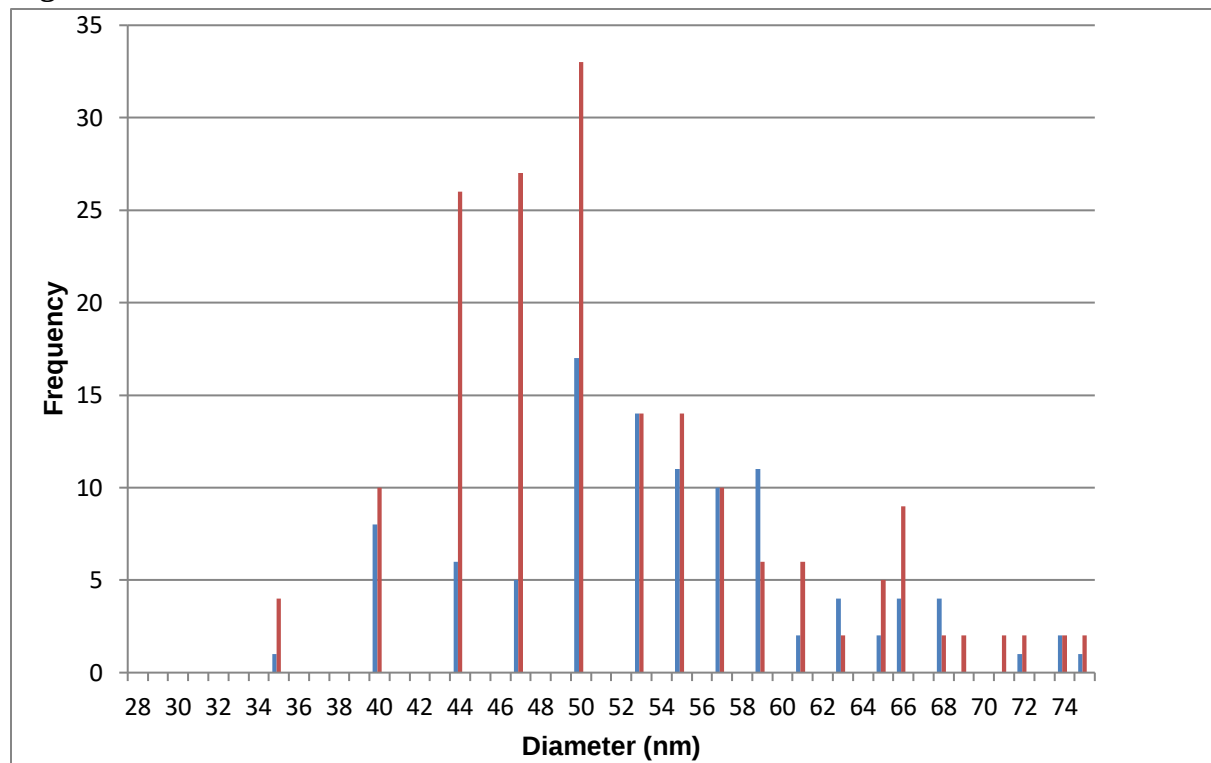
To improve conciseness and clarity in visualization the histograms shown in Figures 1 to 4 all display the mean value and standard deviation of the three individual runs that have been performed for every sample in this study. The following Figures S97 to S192 contains all individual data points for the histograms included in Figures 1 to 4.

Fig. S97.



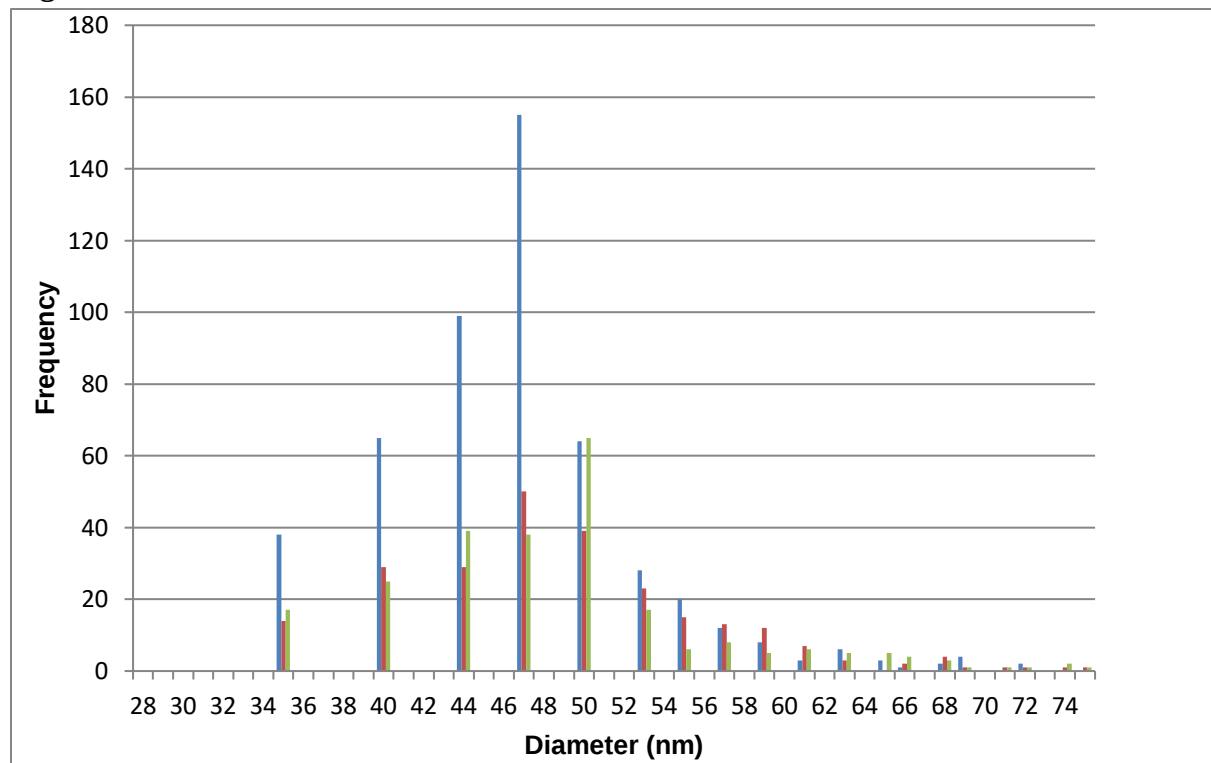
Size histograms for 3 runs of Mustard Replicate 1 Root Plant 1

Fig. S98.



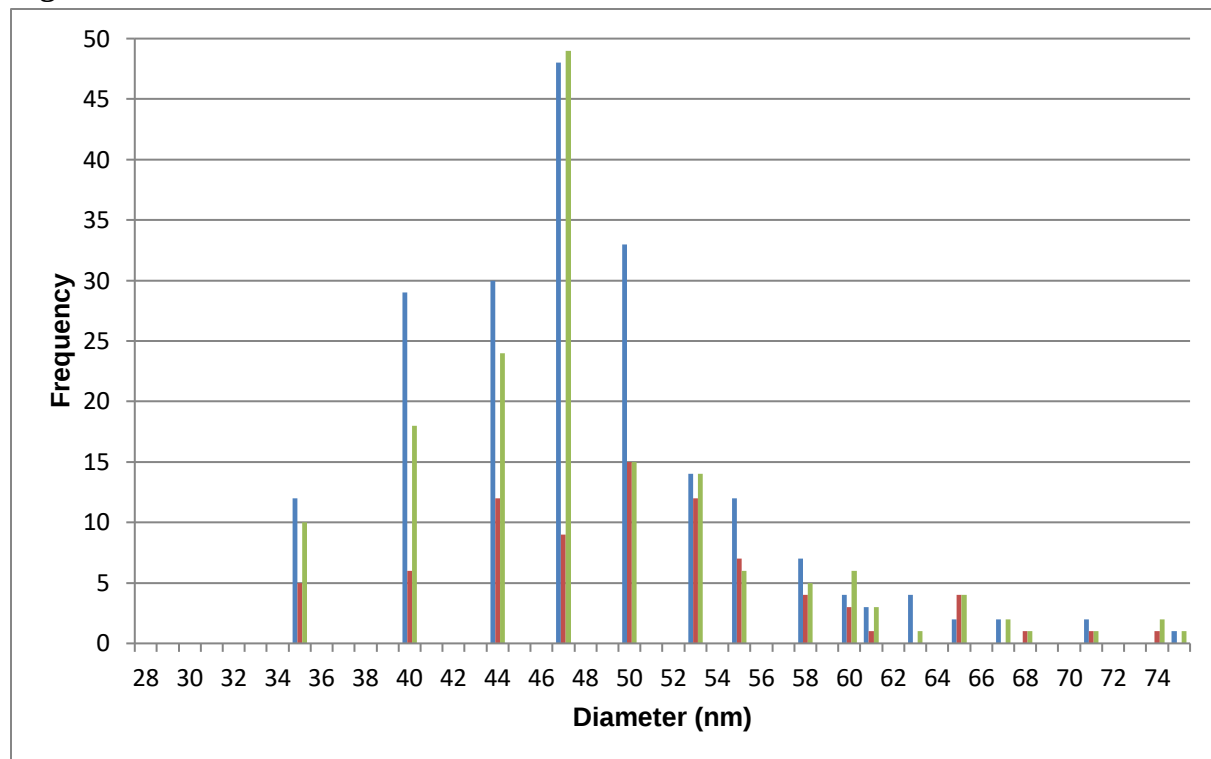
Size histograms for 3 runs of Mustard Replicate 1 Root Plant 2

Fig. S99.



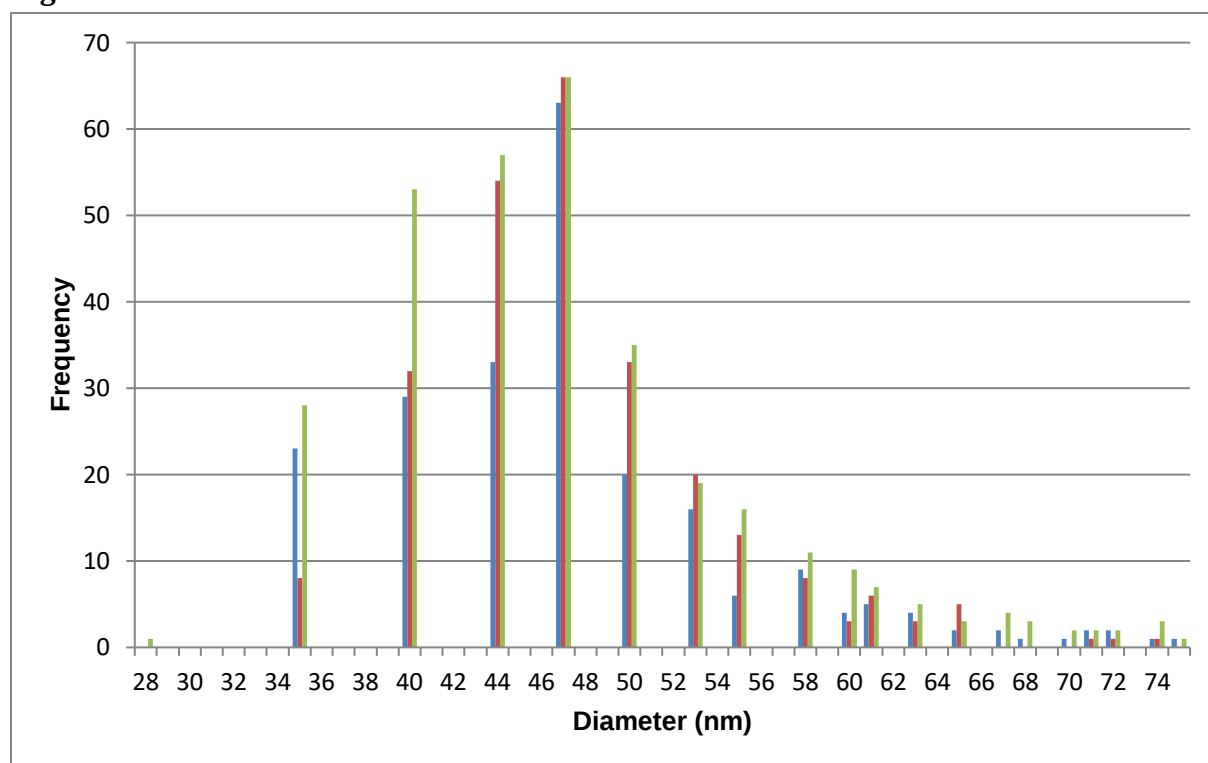
Size histograms for 3 runs of Mustard Replicate 1 Root Plant 3

Fig. S100.



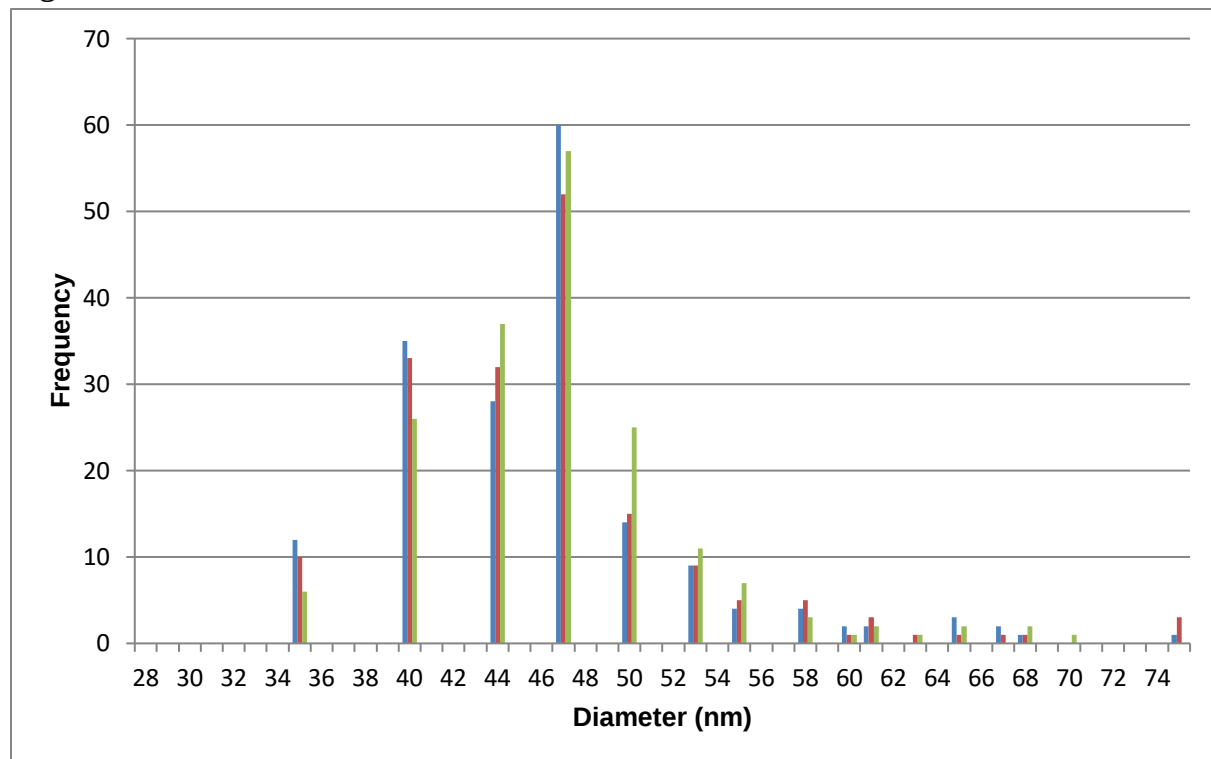
Size histograms for 3 runs of Mustard Replicate 2 Root Plant 1

Fig. S101.



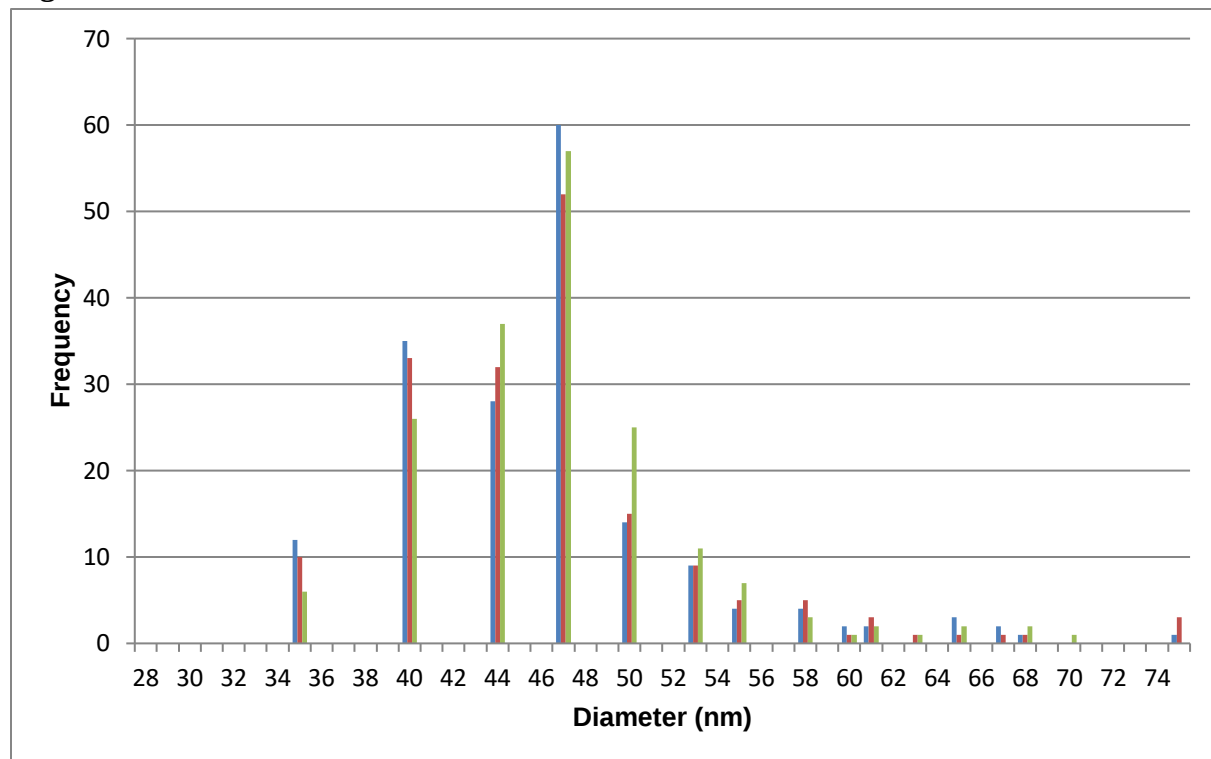
Size histograms for 3 runs of Mustard Replicate 2 Root Plant 2

Fig. S102.



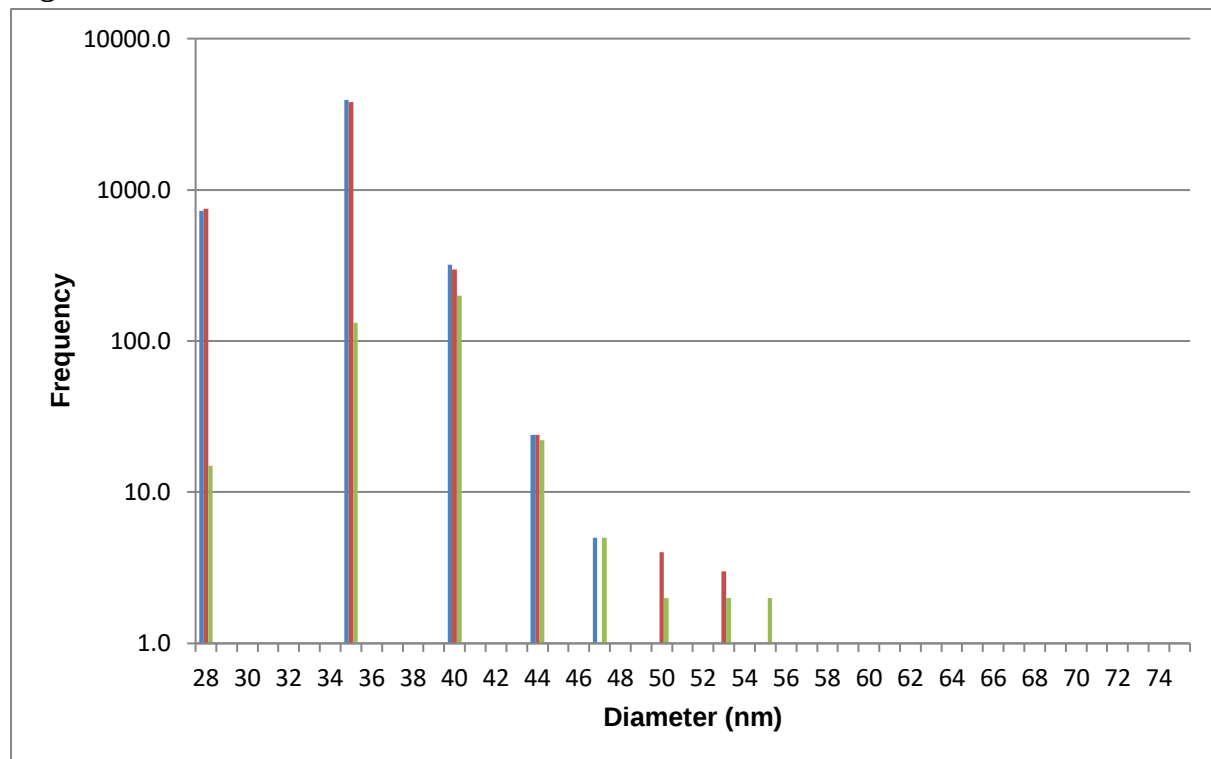
Size histograms for 3 runs of Mustard Replicate 2 Root Plant 3

Fig. S103.



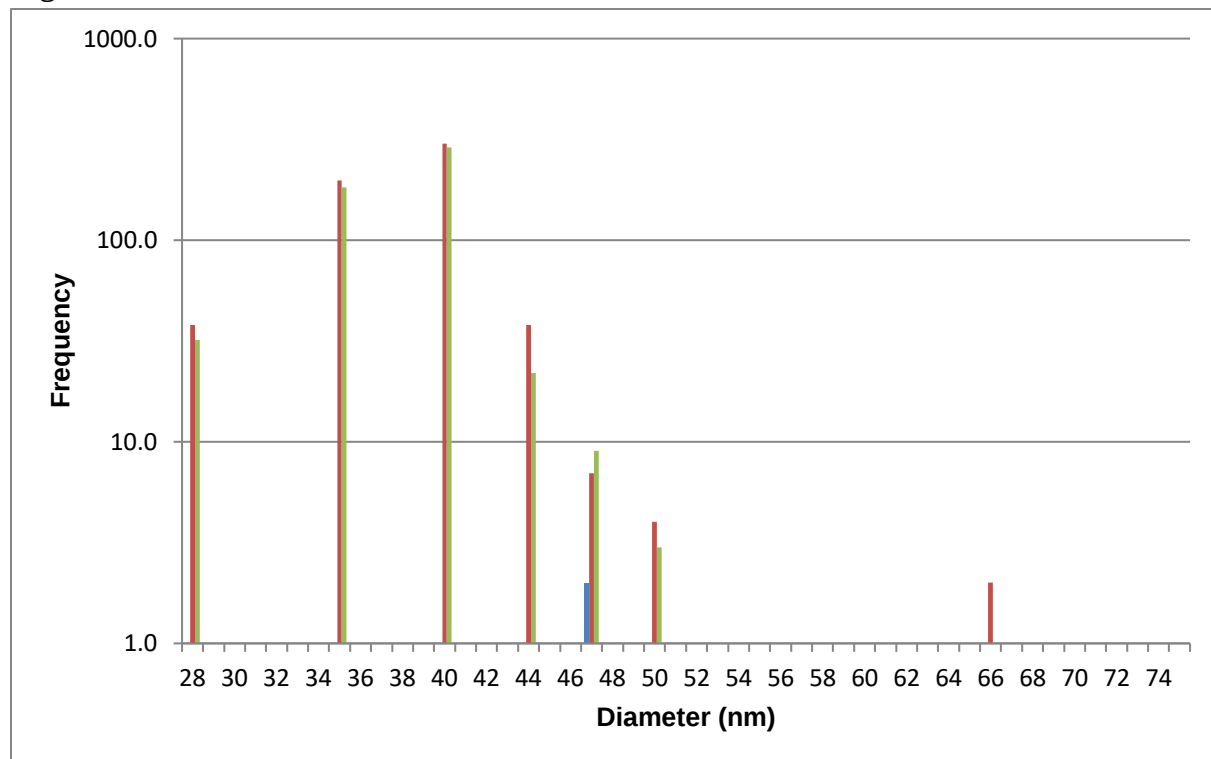
Size histograms for 3 runs of Mustard Replicate 1 Shoot Plant 1

Fig. S104.



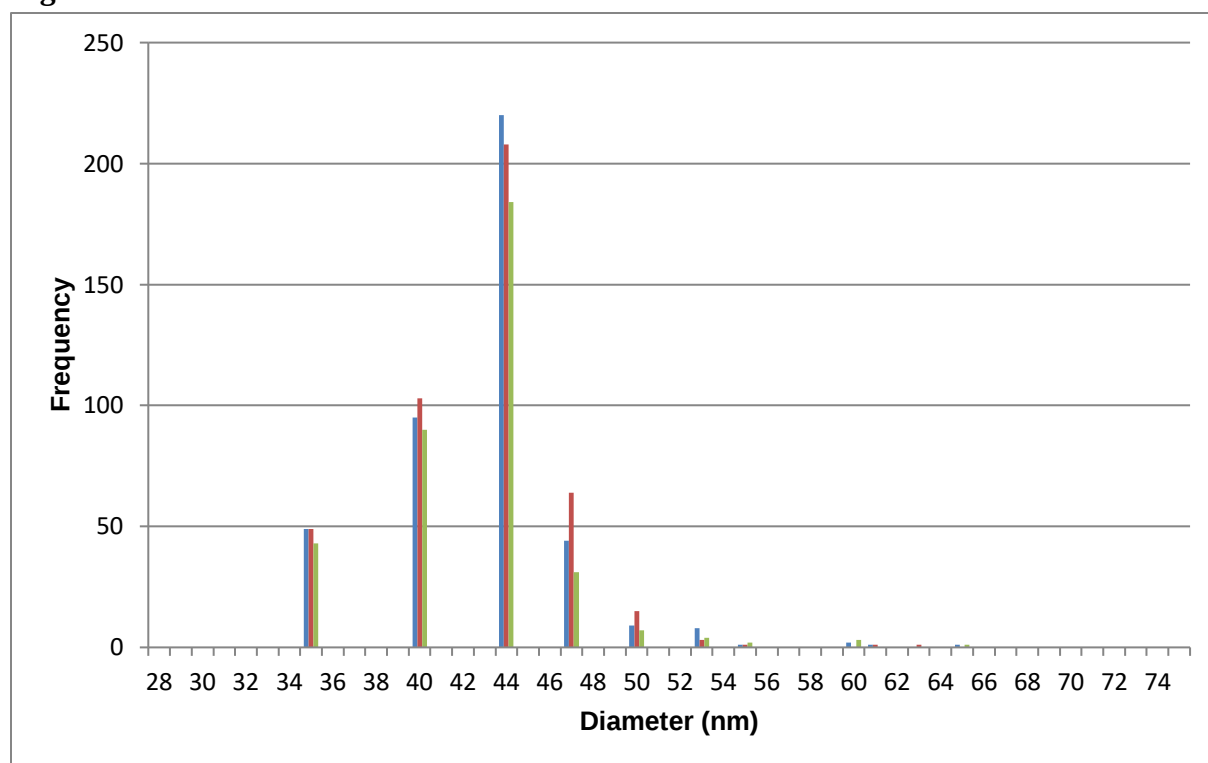
Size histograms for 3 runs of Mustard Replicate 1 Shoot Plant 2

Fig. S105.



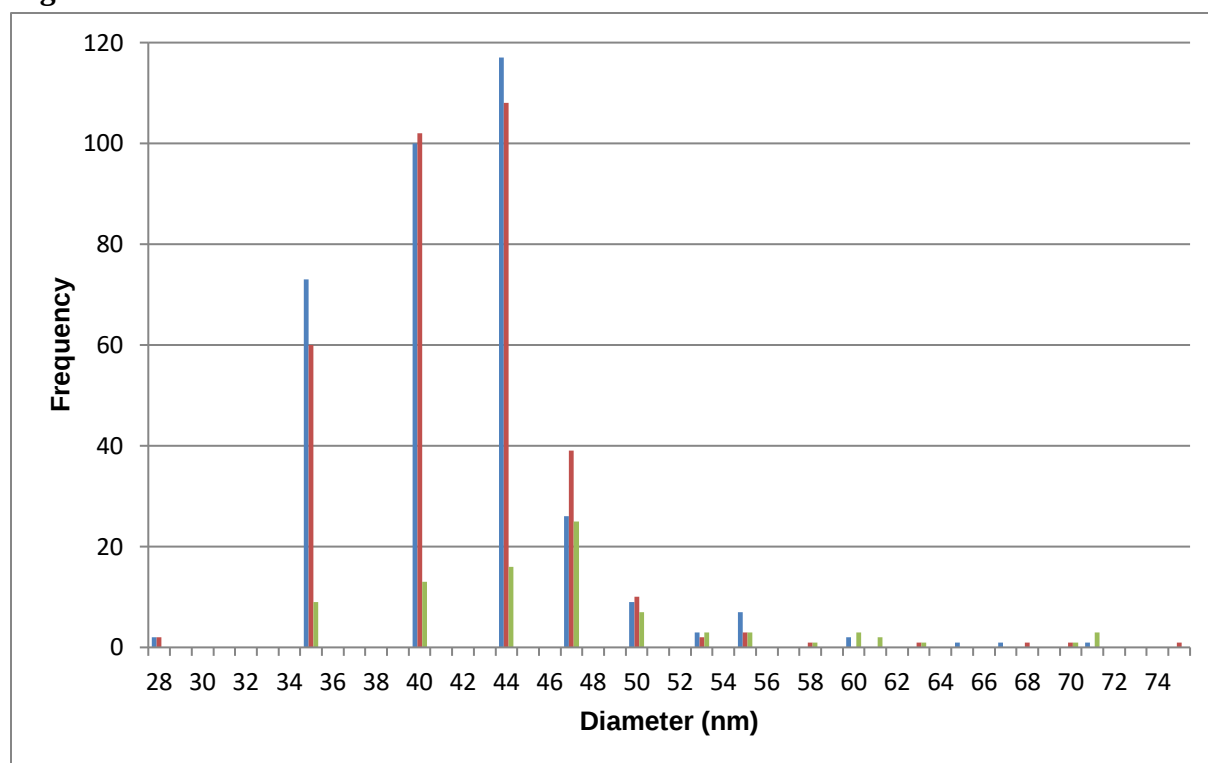
Size histograms for 3 runs of Mustard Replicate 1 Shoot Plant 3

Fig. S106.



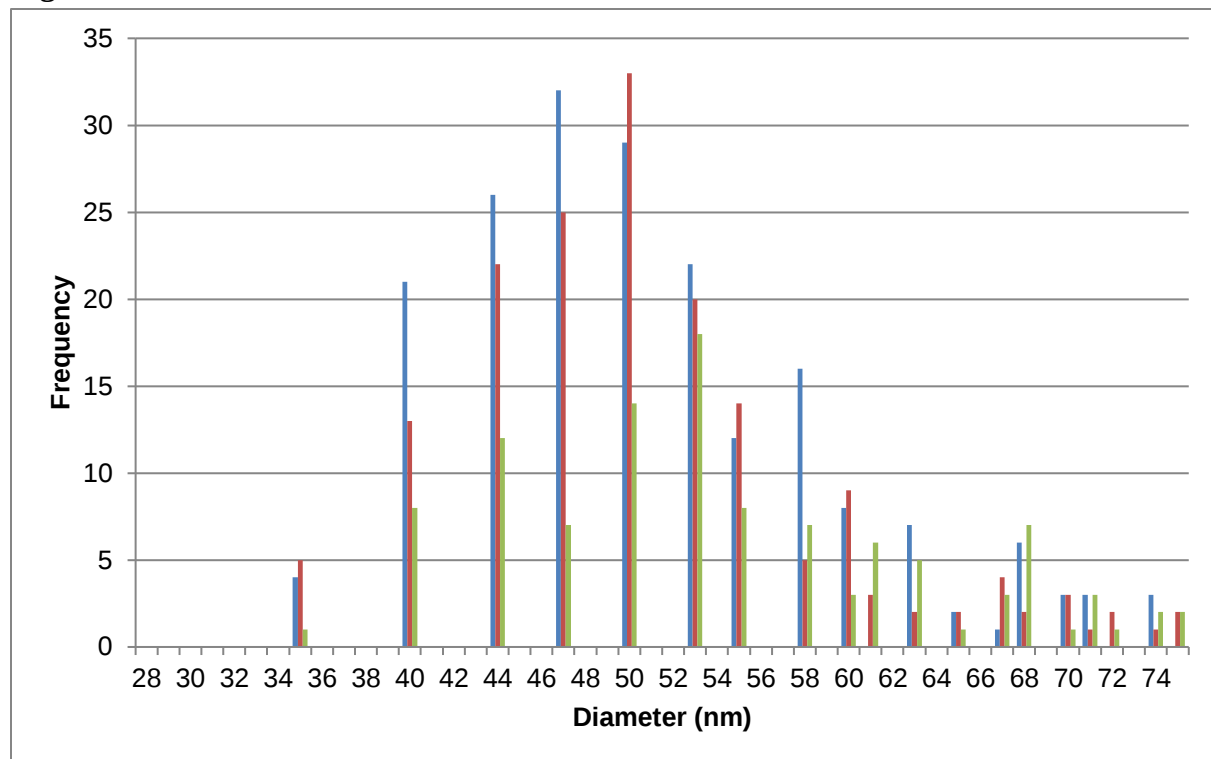
Size histograms for 3 runs of Mustard Replicate 2 Shoot Plant 1

Fig. S107.



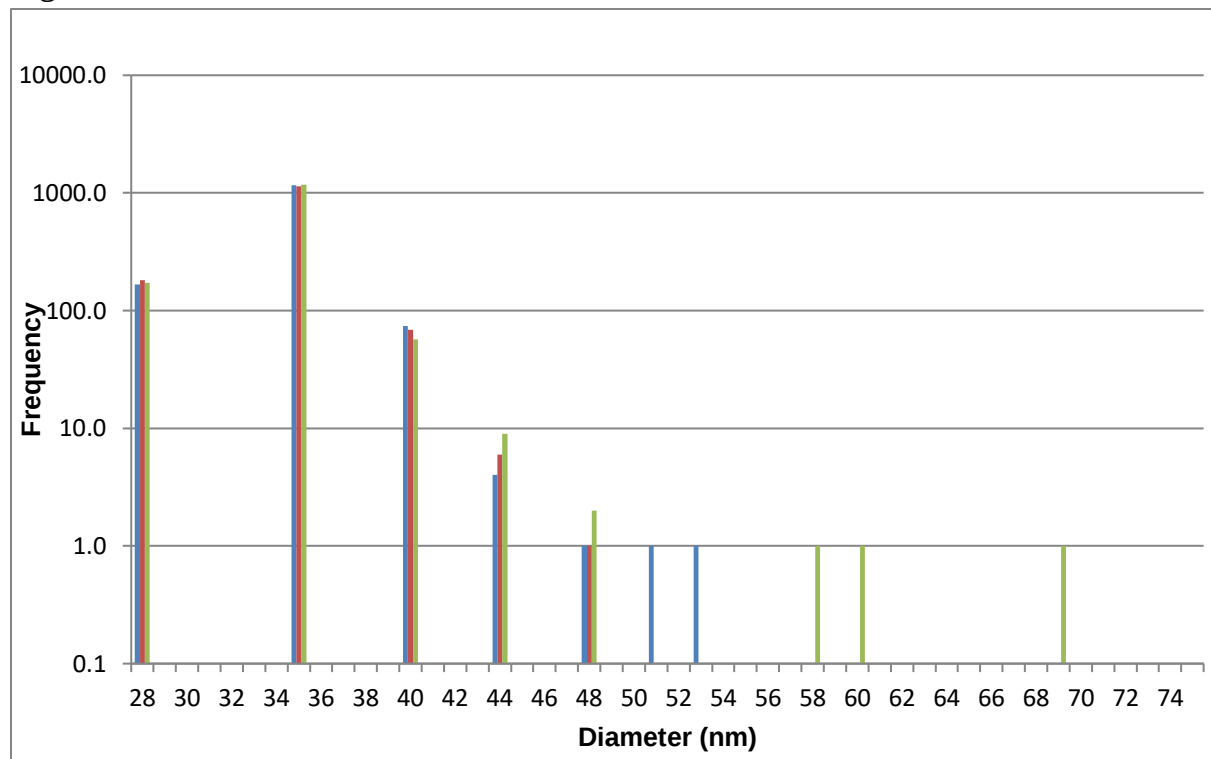
Size histograms for 3 runs of Mustard Replicate 2 Shoot Plant 2

Fig. S108.



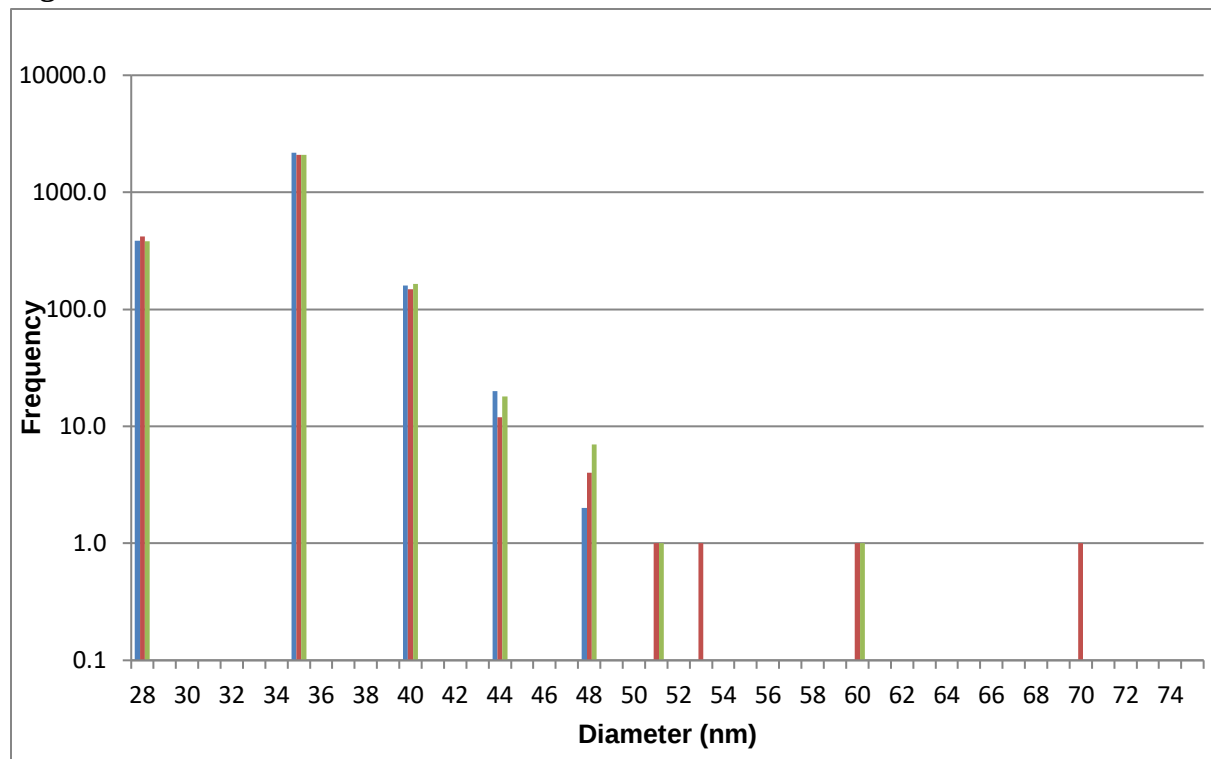
Size histograms for 3 runs of Mustard Replicate 2 Shoot Plant 3

Fig. S109.



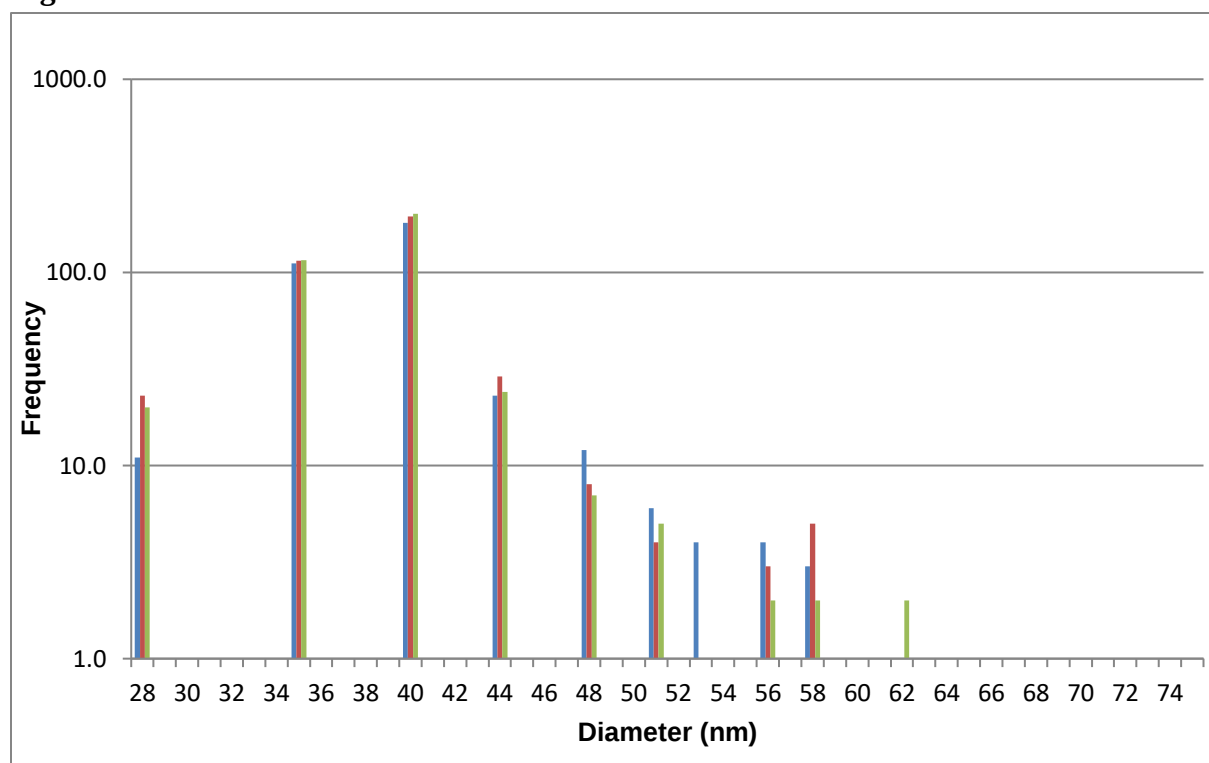
Size histograms for 3 runs of Barley Replicate 1 Root Plant 1

Fig. S110.



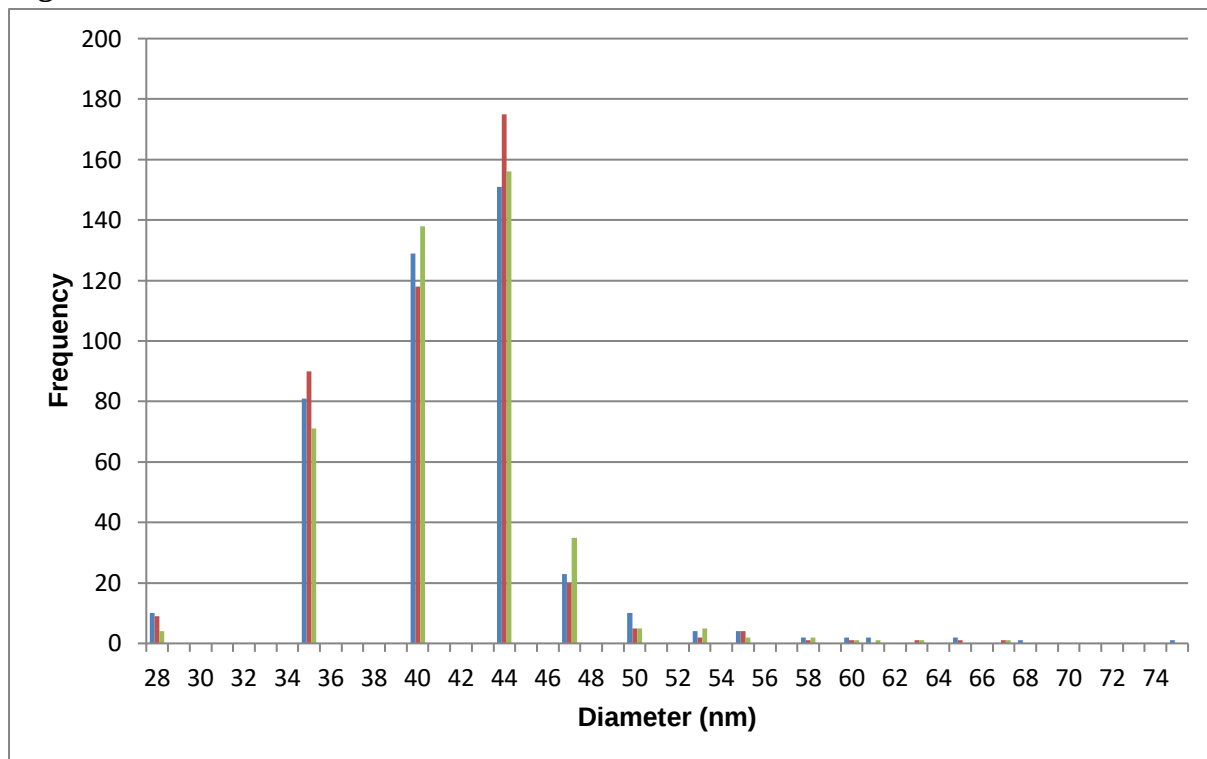
Size histograms for 3 runs of Barley Replicate 1 Root Plant 2

Fig. S111.



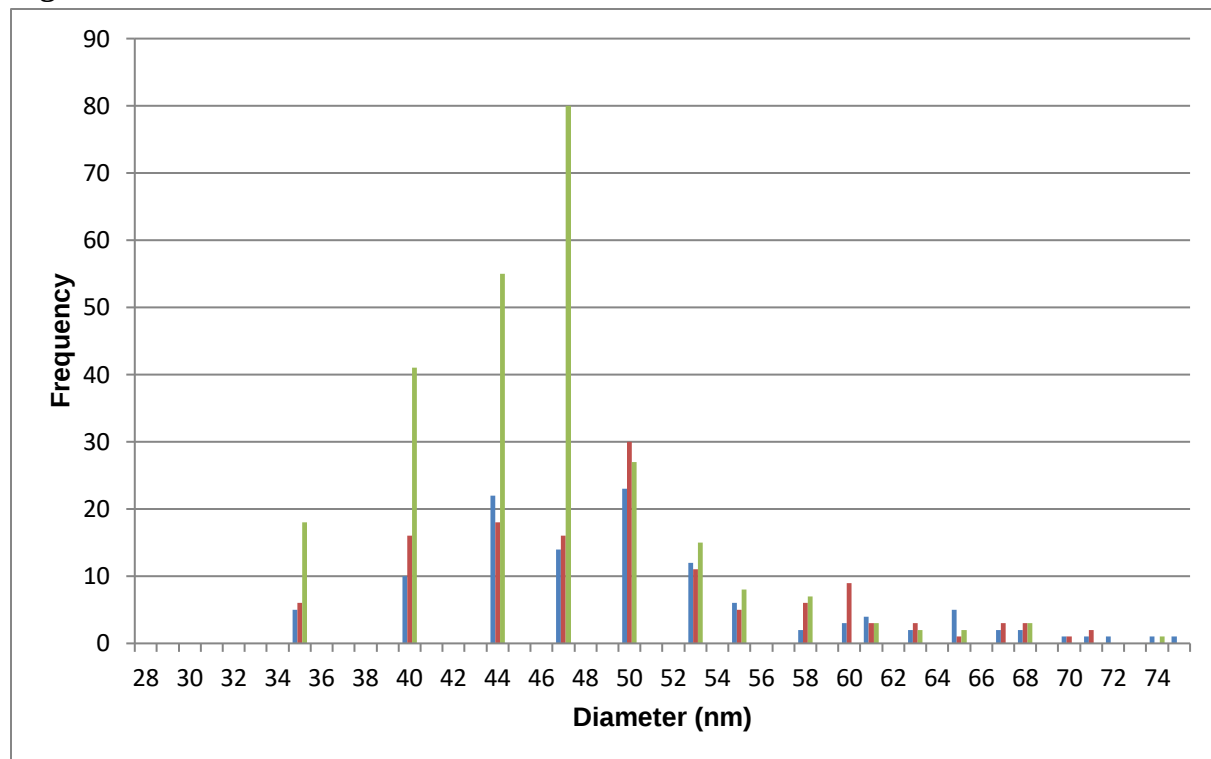
Size histograms for 3 runs of Barley Replicate 1 Root Plant 3

Fig. S112.



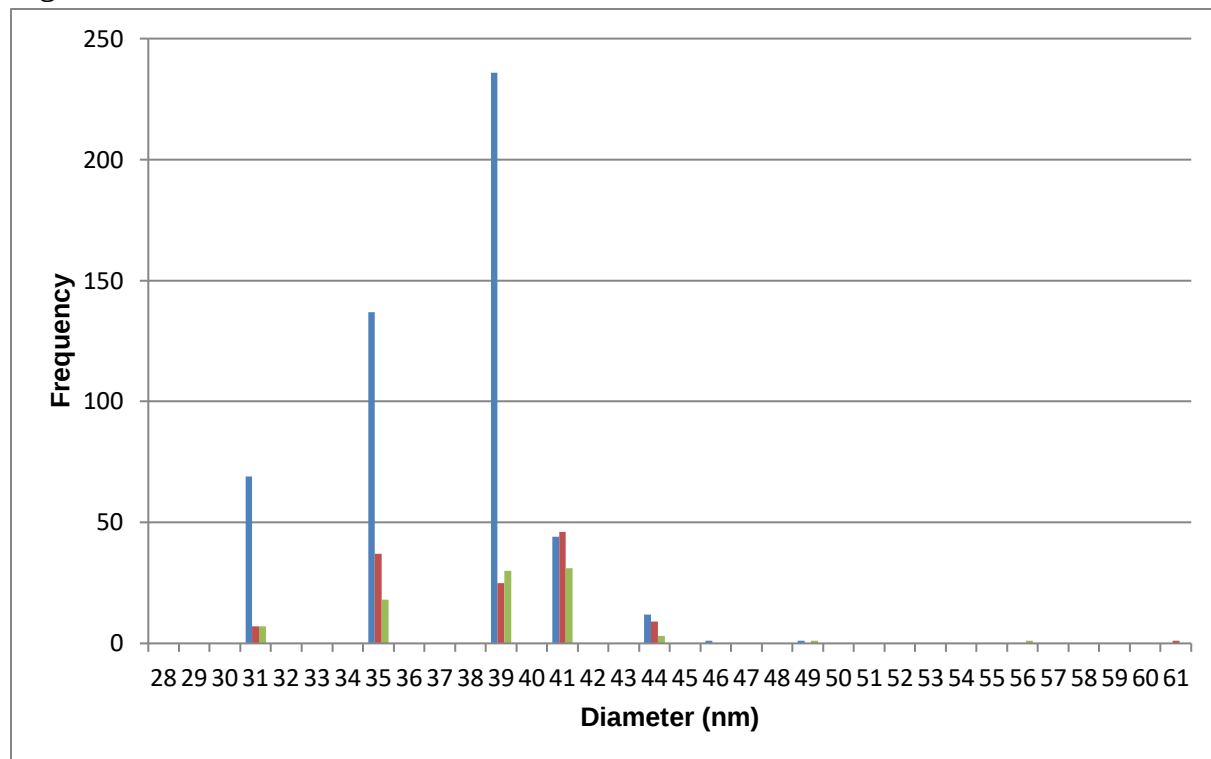
Size histograms for 3 runs of Barley Replicate 2 Root Plant 1

Fig. S113.



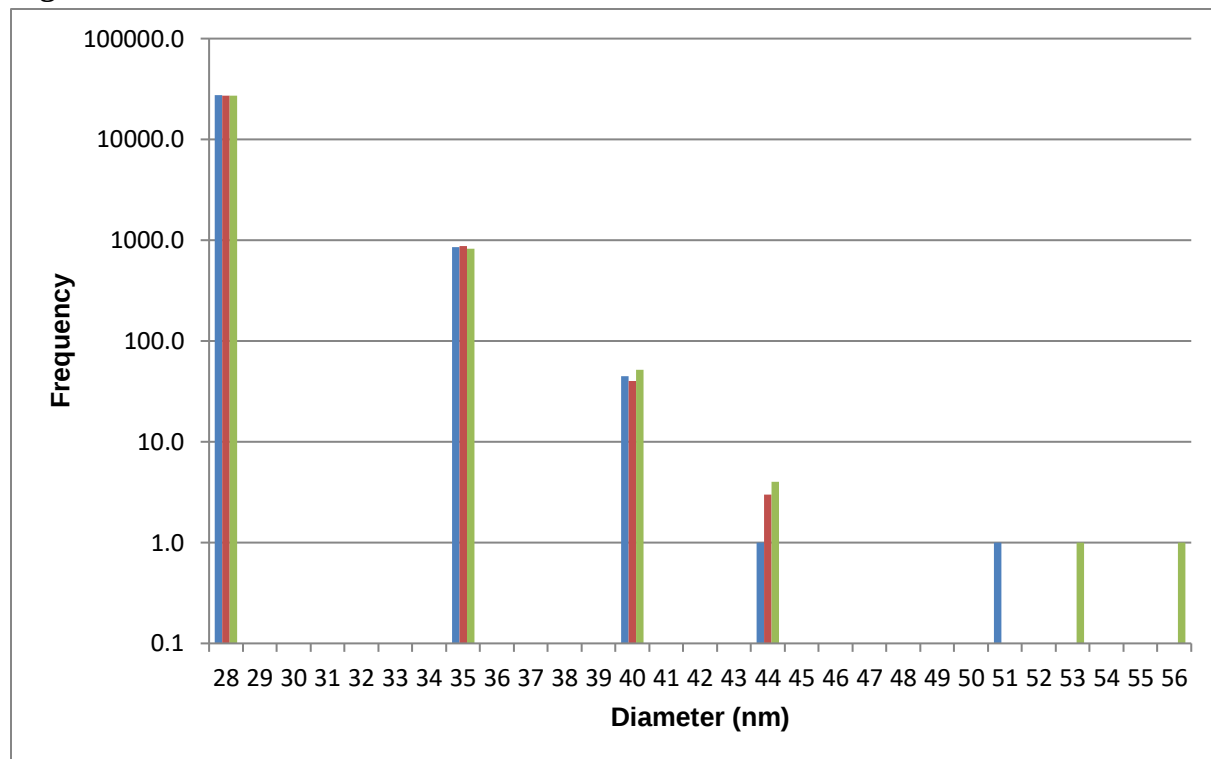
Size histograms for 3 runs of Barley Replicate 2 Root Plant 2

Fig. S114.



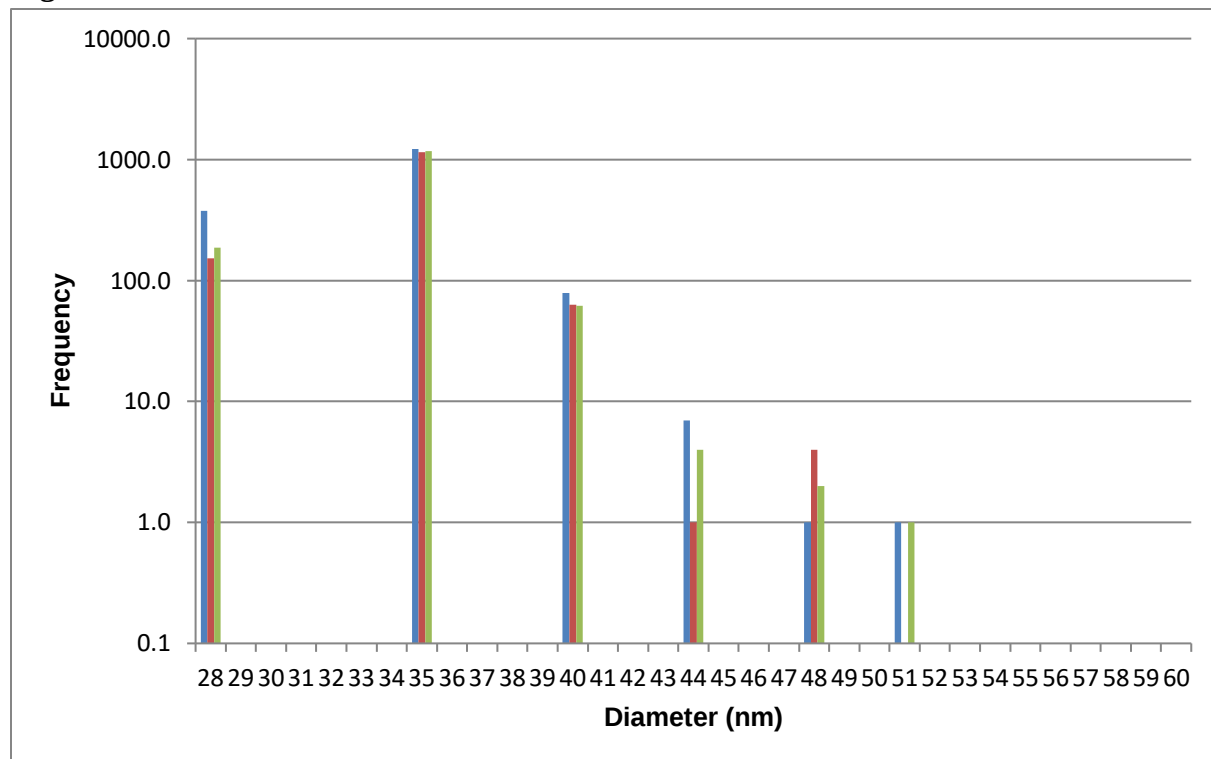
Size histograms for 3 runs of Barley Replicate 2 Root Plant 3

Fig. S115.



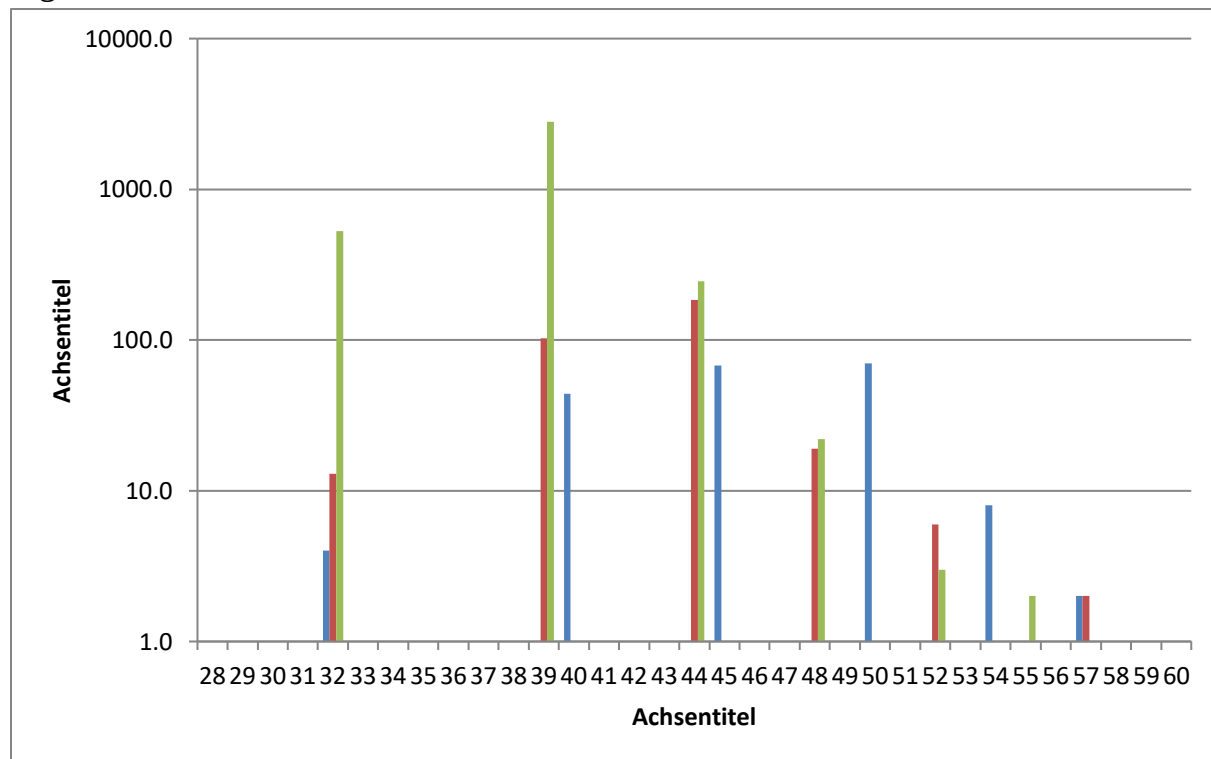
Size histograms for 3 runs of Barley Replicate 1 Shoot Plant 1

Fig. S116.



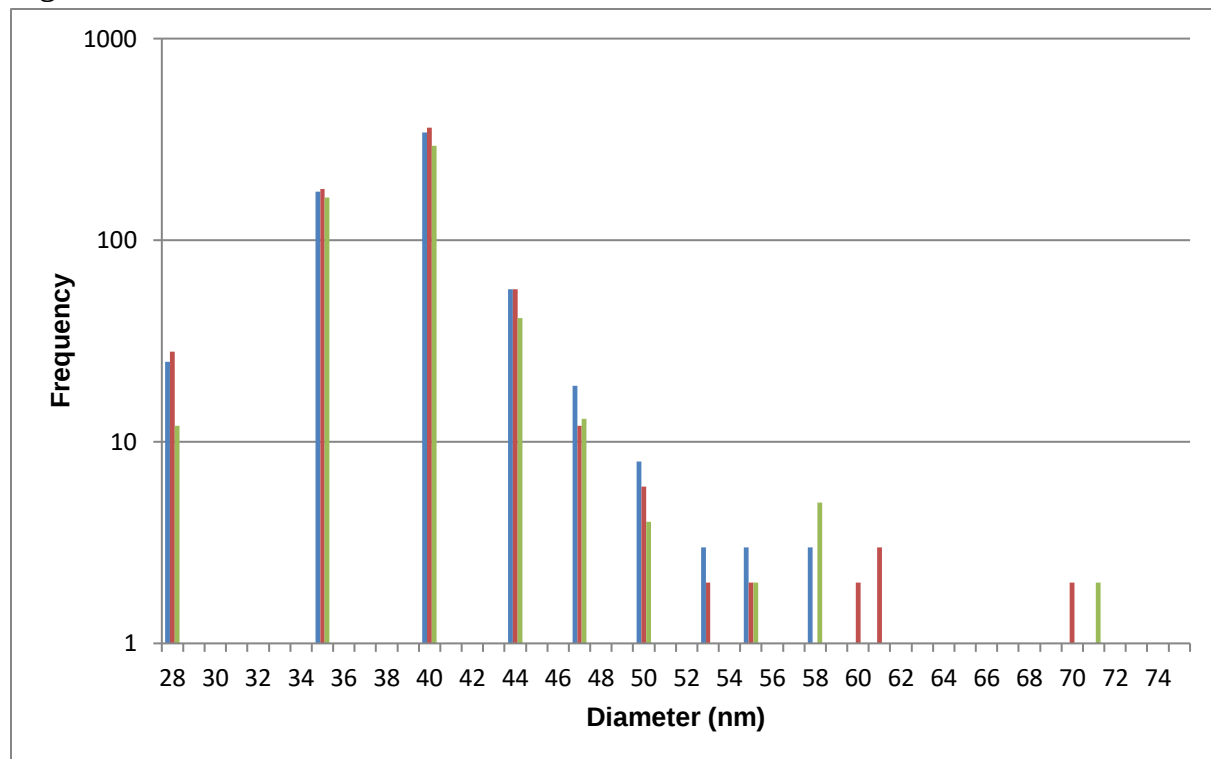
Size histograms for 3 runs of Barley Replicate 1 Shoot Plant 2

Fig. S117.



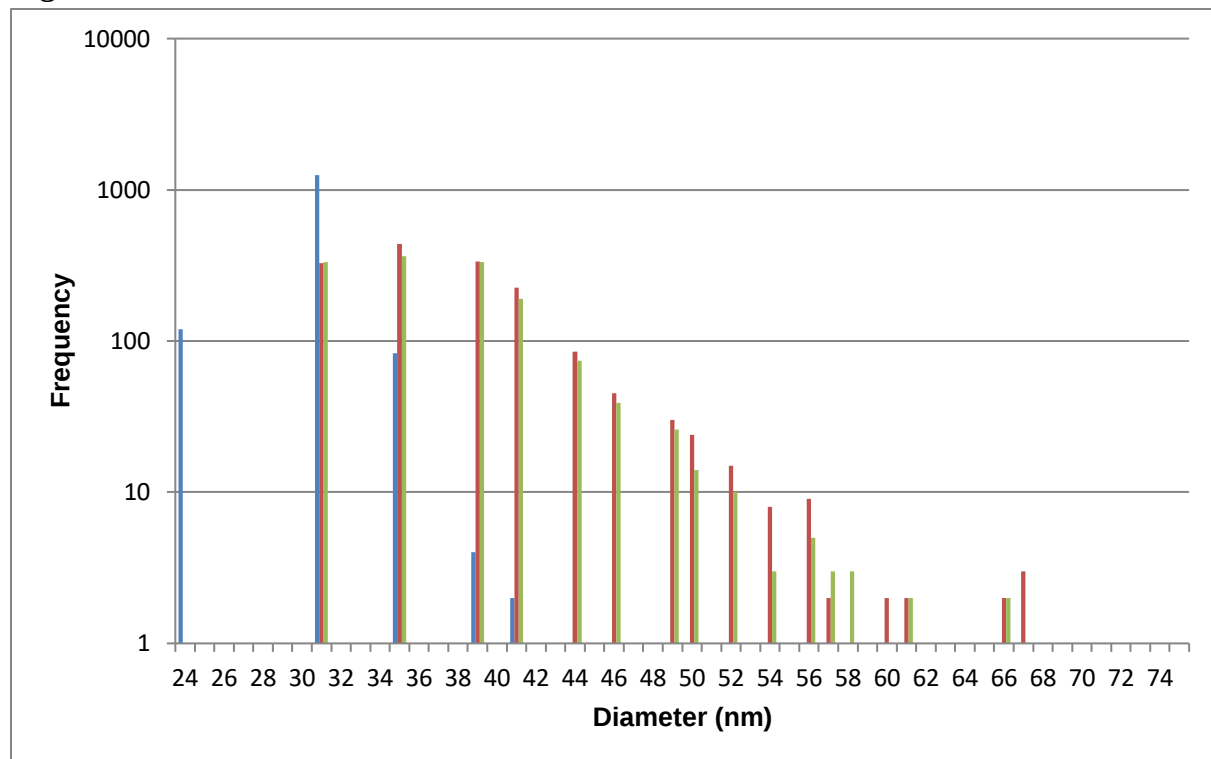
Size histograms for 3 runs of Barley Replicate 1 Shoot Plant 3

Fig. S118.



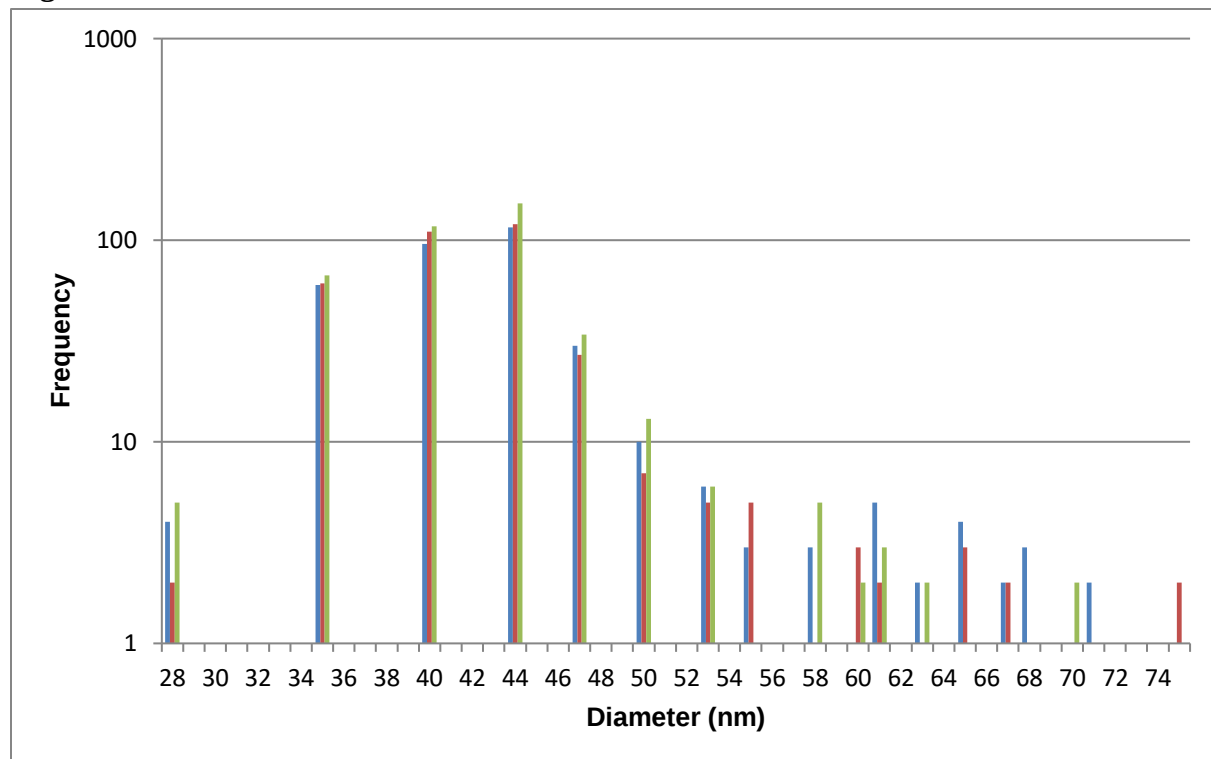
Size histograms for 3 runs of Barley Replicate 2 Shoot Plant 1

Fig. S119.



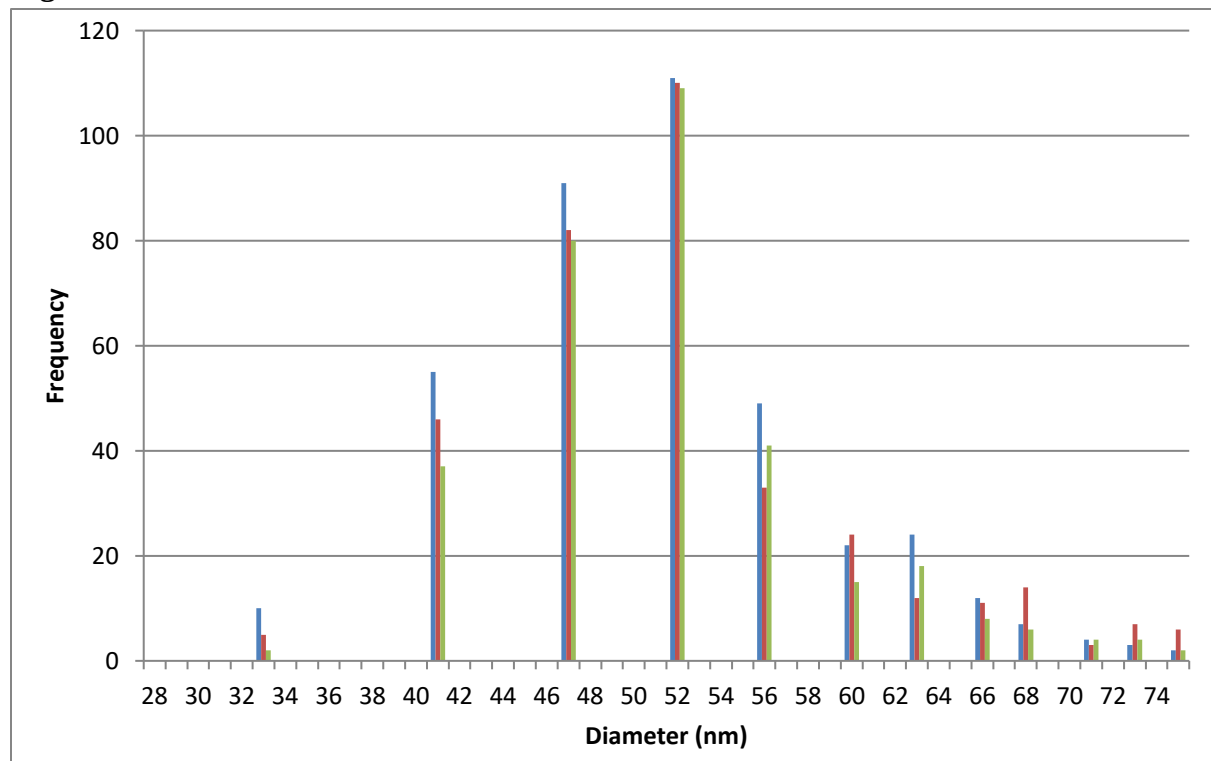
Size histograms for 3 runs of Barley Replicate 2 Shoot Plant 2

Fig. S120.



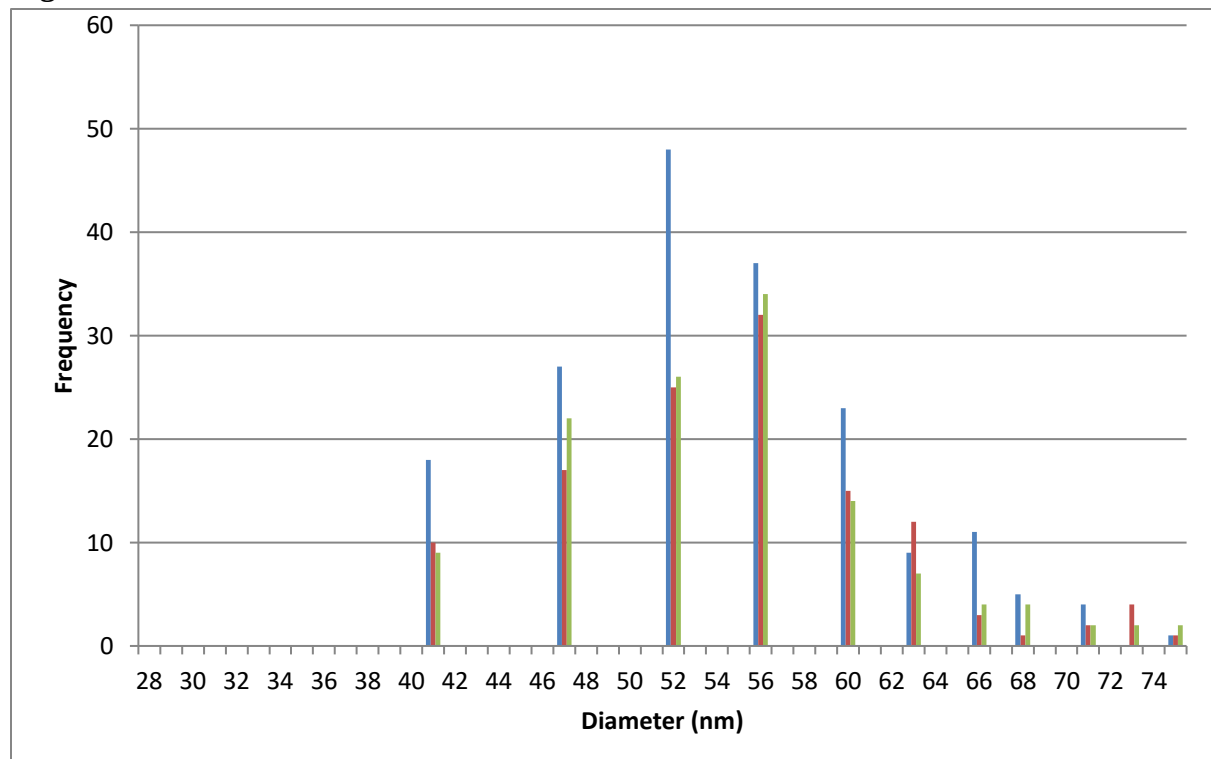
Size histograms for 3 runs of Barley Replicate 2 Shoot Plant 3

Fig. S121.



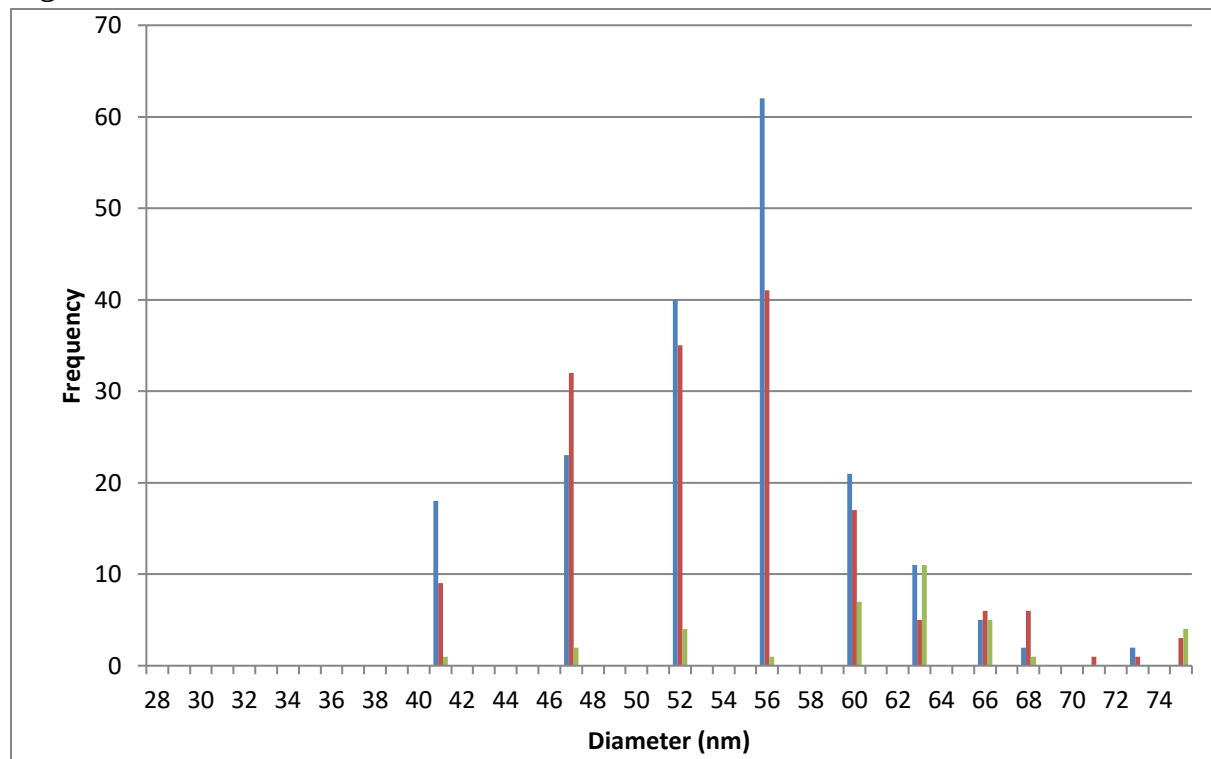
Size histograms for 3 runs of Capsicum Replicate 1 Root Plant 1

Fig. S122.



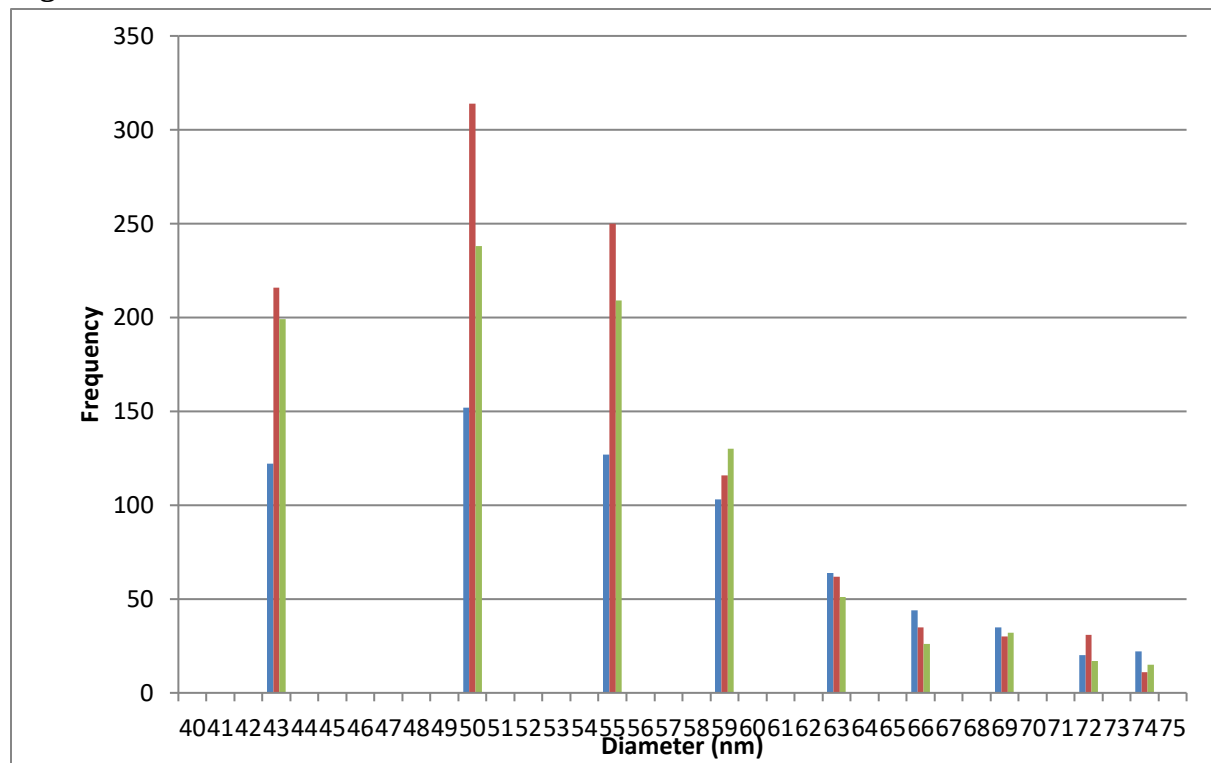
Size histograms for 3 runs of Capsicum Replicate 1 Root Plant 2

Fig. S123.



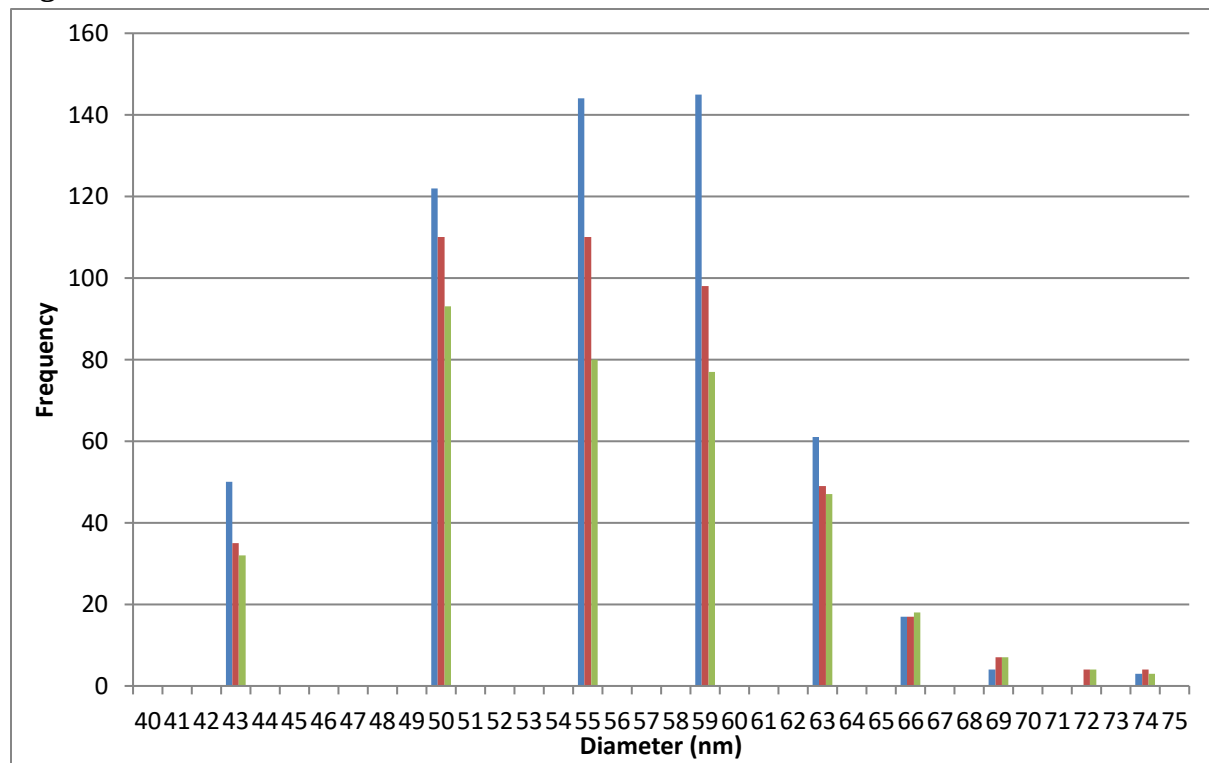
Size histograms for 3 runs of Capsicum Replicate 1 Root Plant 3

Fig. S124.



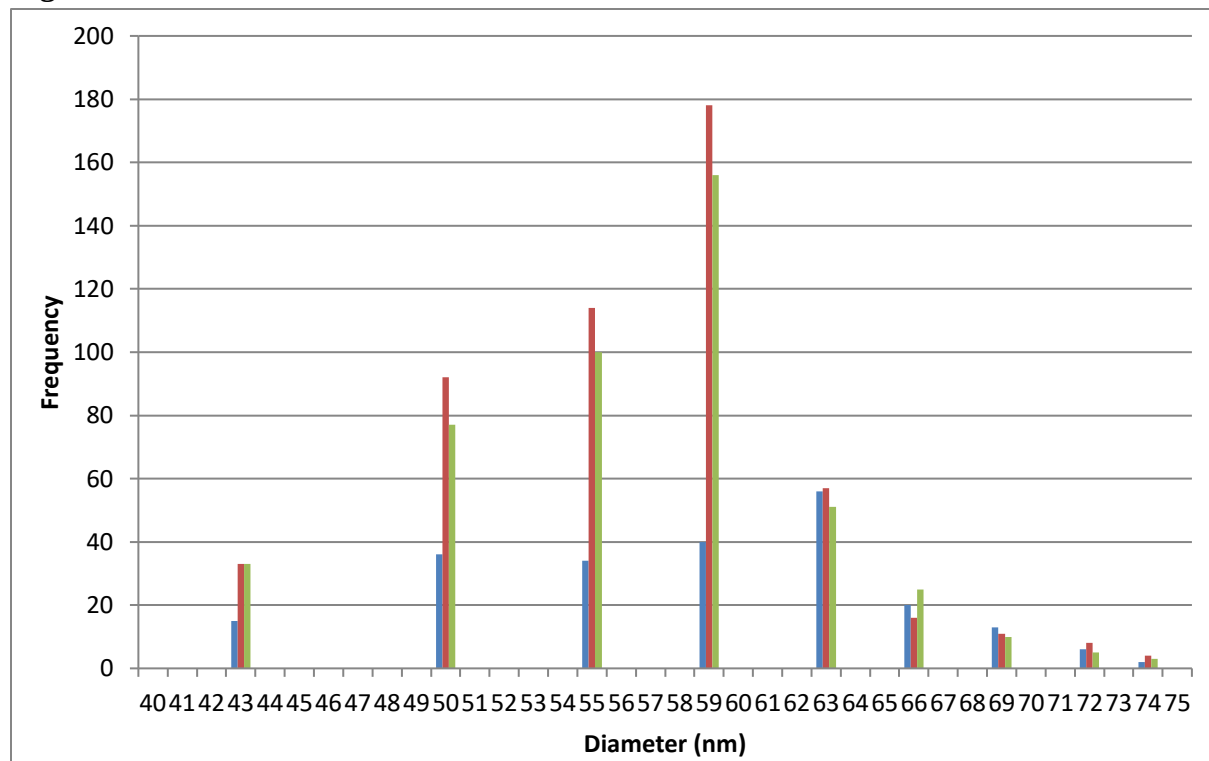
Size histograms for 3 runs of Capsicum Replicate 2 Root Plant 1

Fig. S125.



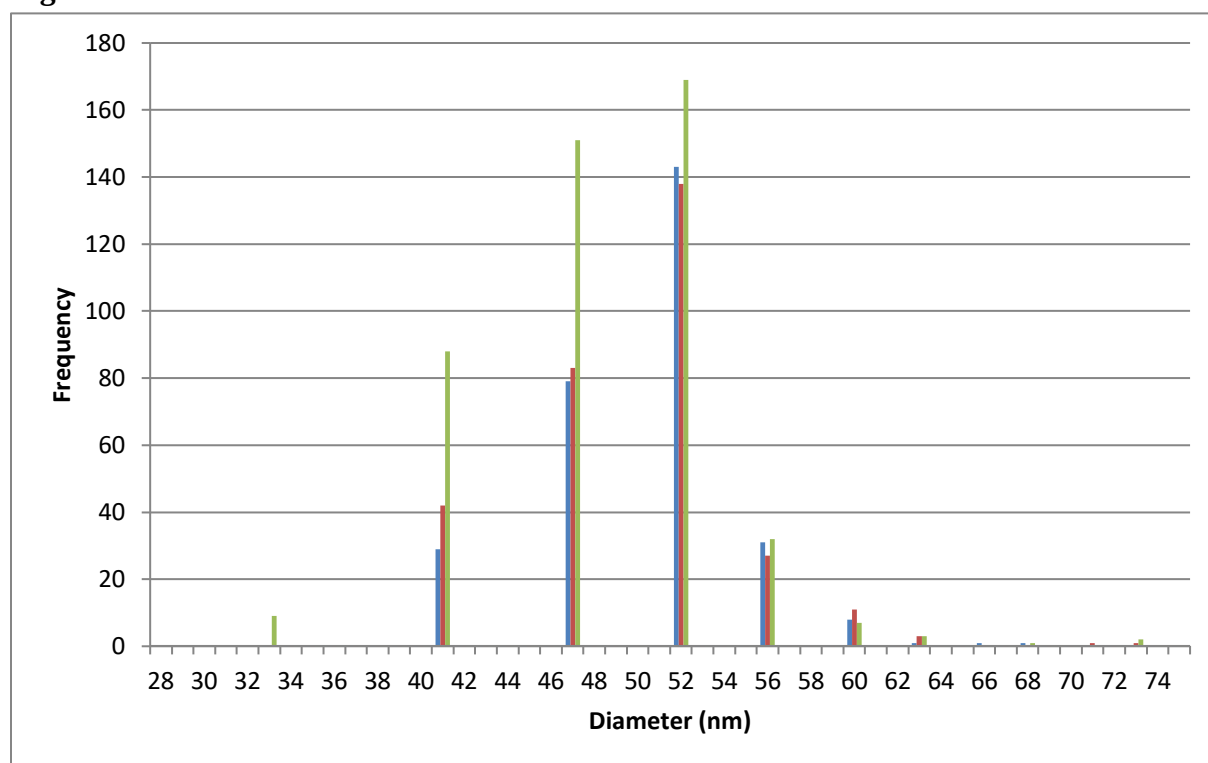
Size histograms for 3 runs of Capsicum Replicate 2 Root Plant 2

Fig. S126.



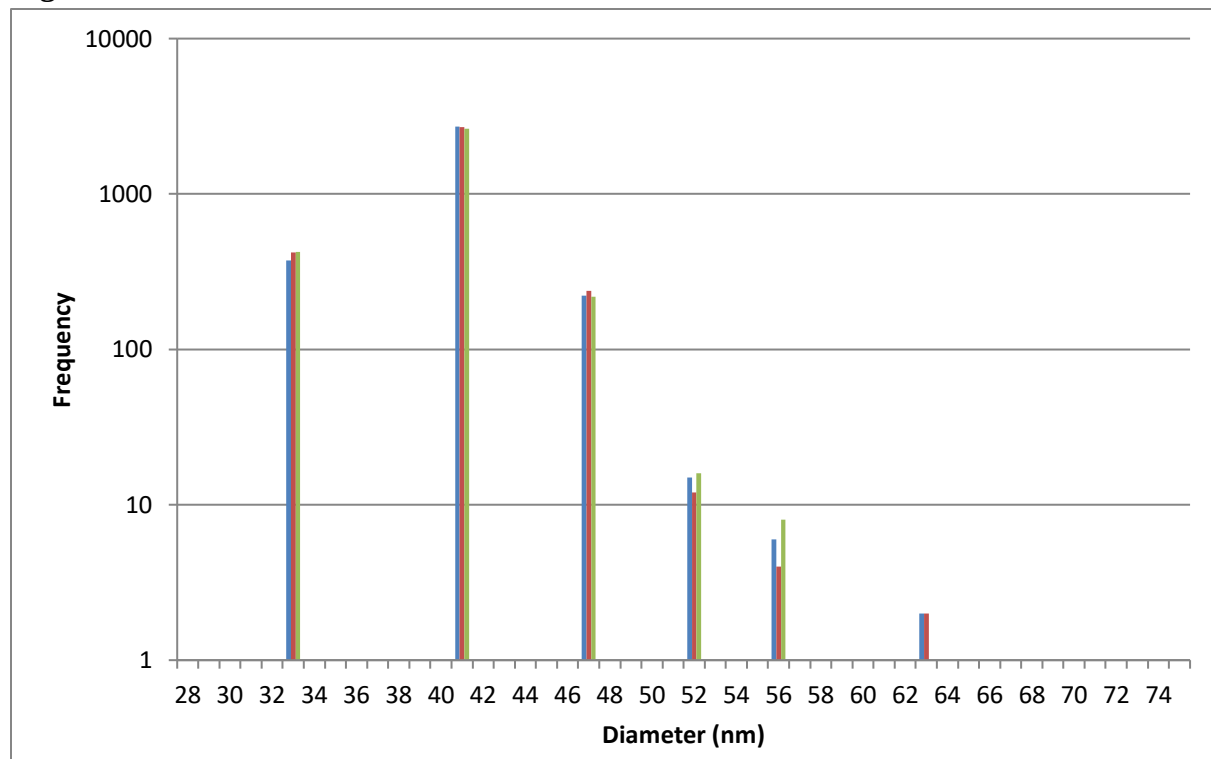
Size histograms for 3 runs of Capsicum Replicate 2 Root Plant 3

Fig. S127.



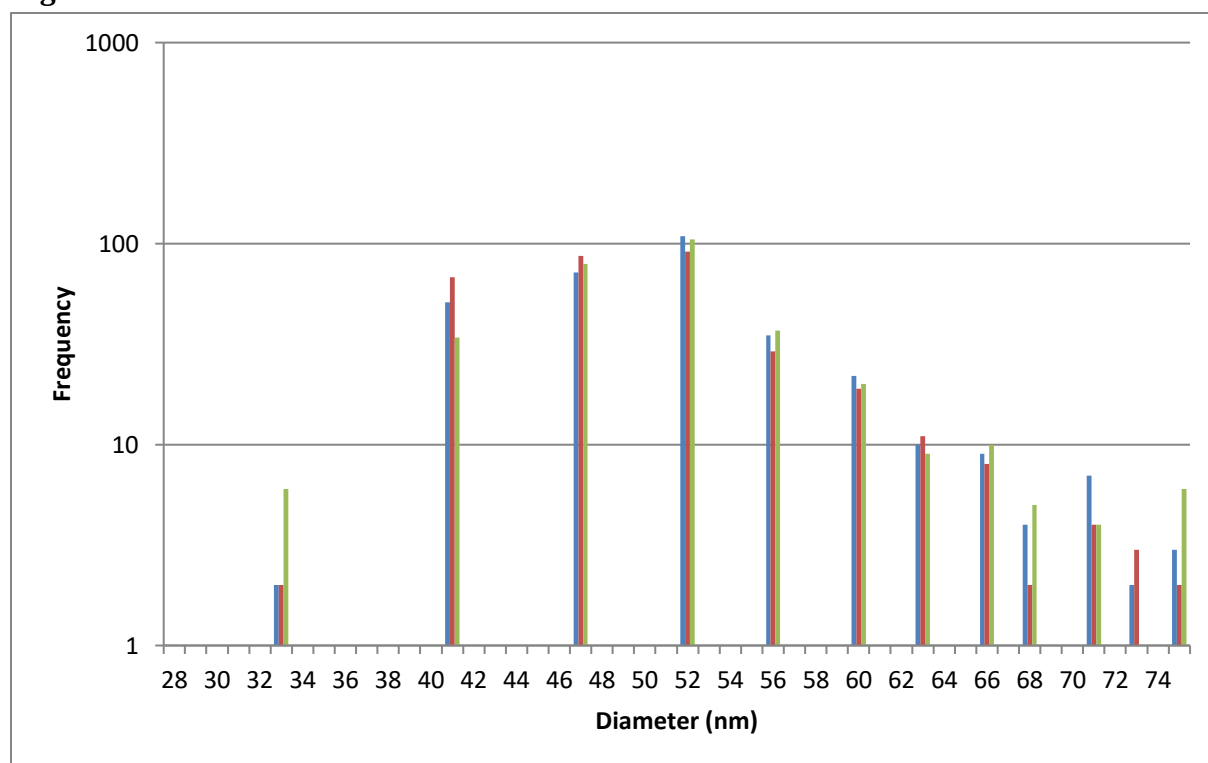
Size histograms for 3 runs of Capsicum Replicate 1 Shoot Plant 1

Fig. S128.



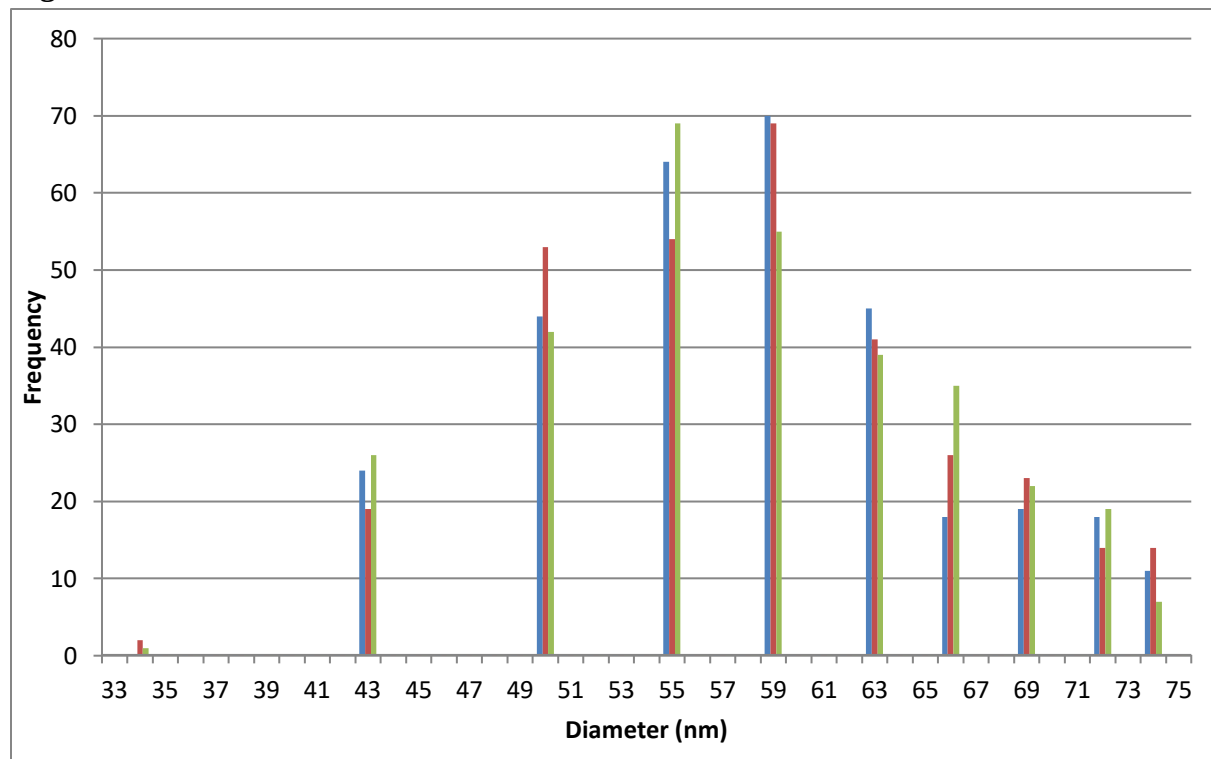
Size histograms for 3 runs of Capsicum Replicate 1 Shoot Plant 2

Fig. S129.



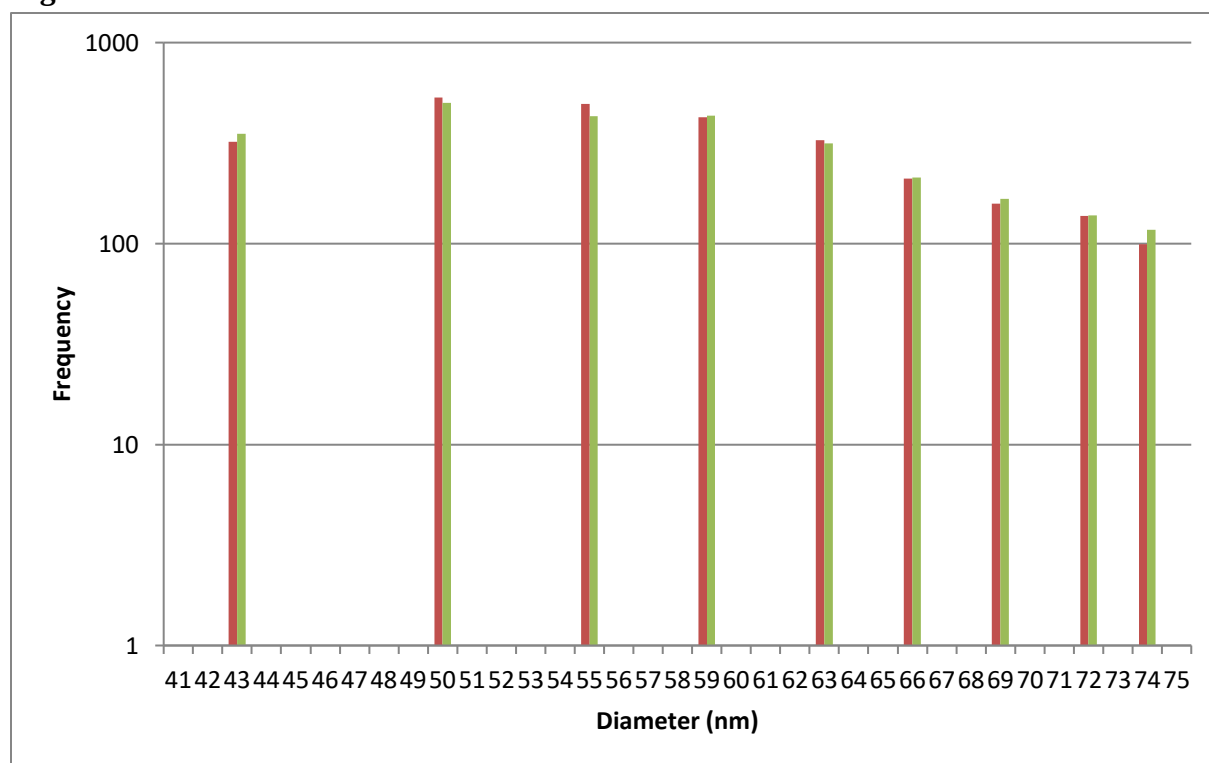
Size histograms for 3 runs of Capsicum Replicate 1 Shoot Plant 3

Fig. S130.



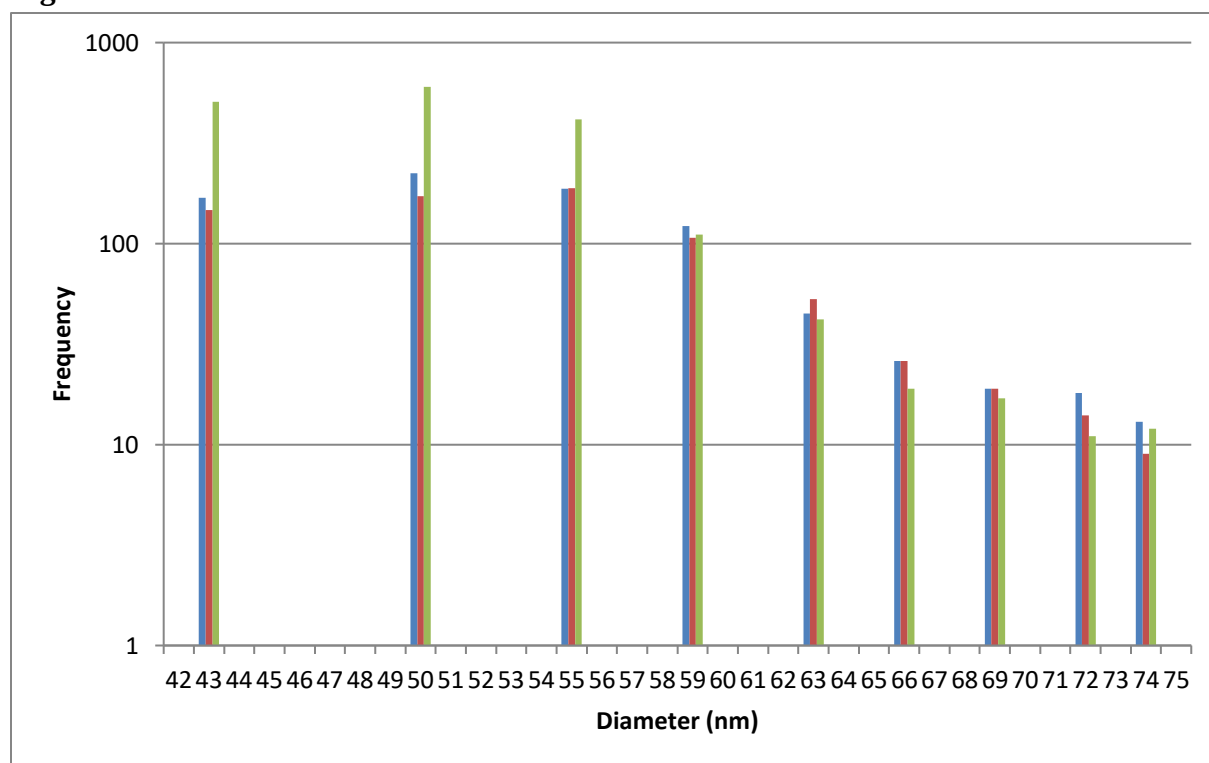
Size histograms for 3 runs of Capsicum Replicate 2 Shoot Plant 1

Fig. S131.



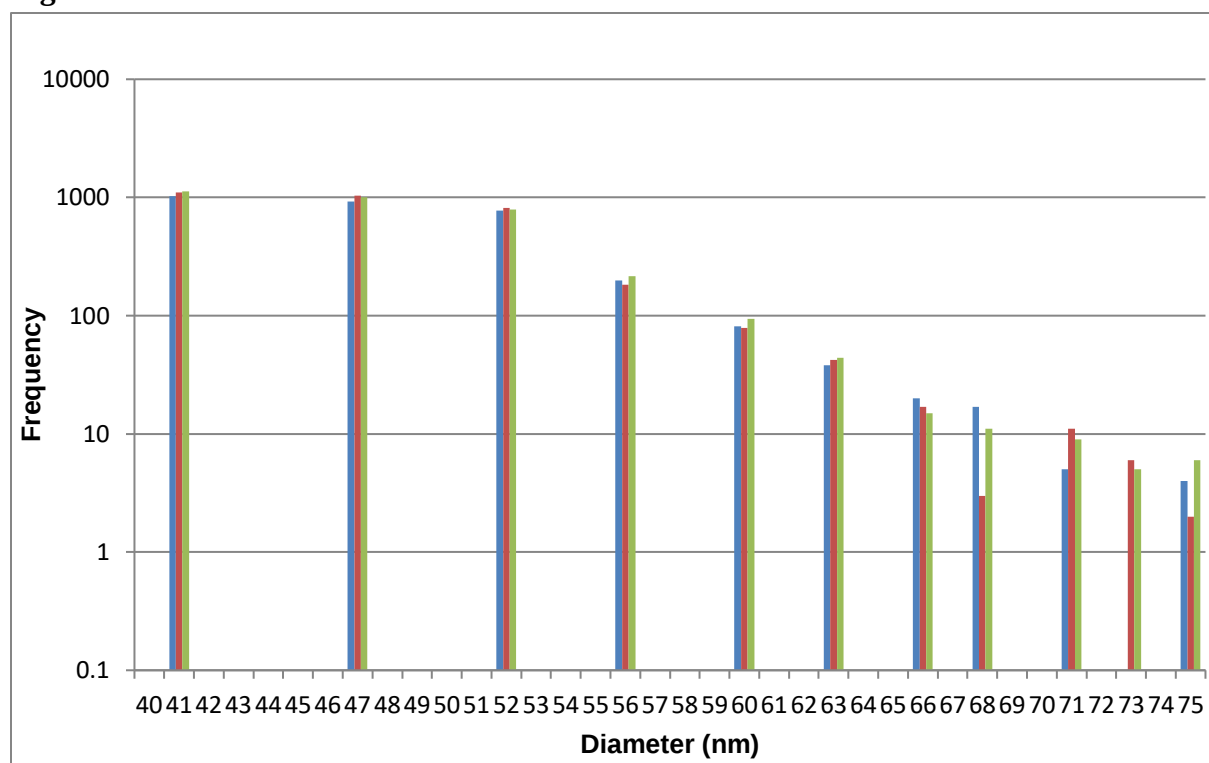
Size histograms for 3 runs of Capsicum Replicate 2 Shoot Plant 2

Fig. S132.



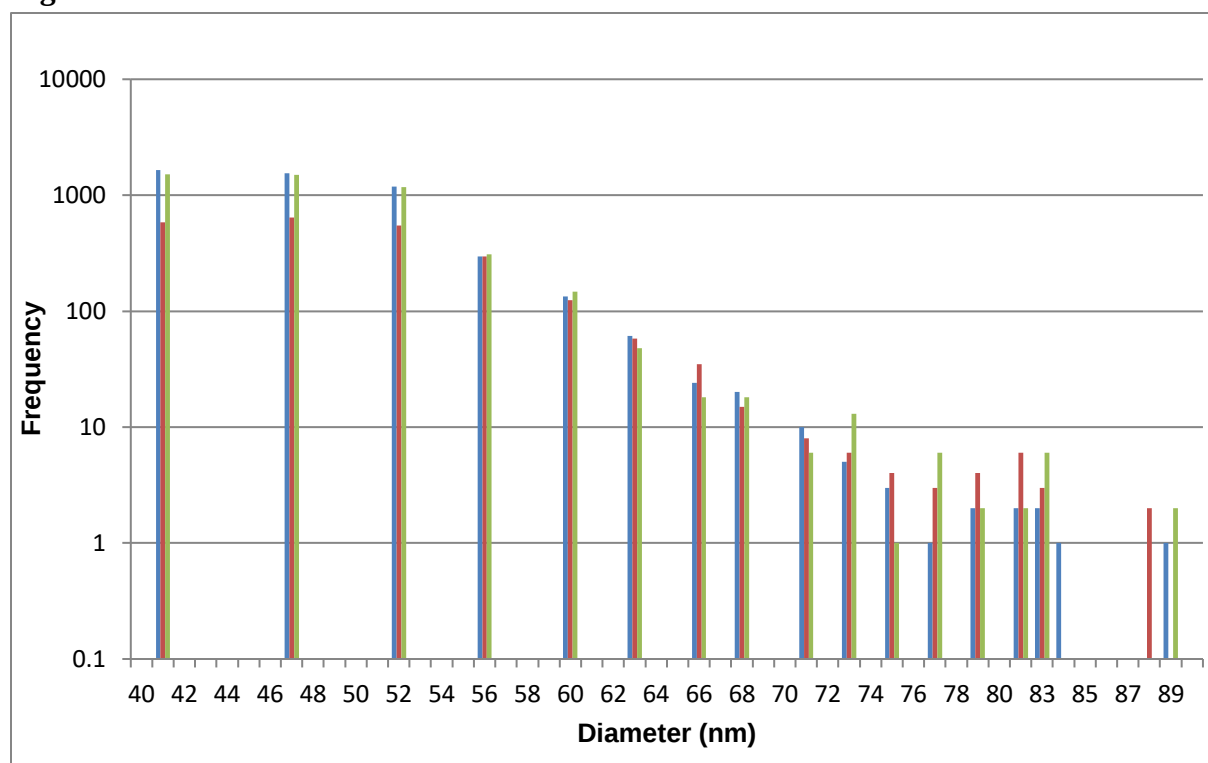
Size histograms for 3 runs of Capsicum Replicate 2 Shoot Plant 3

Fig. S133.



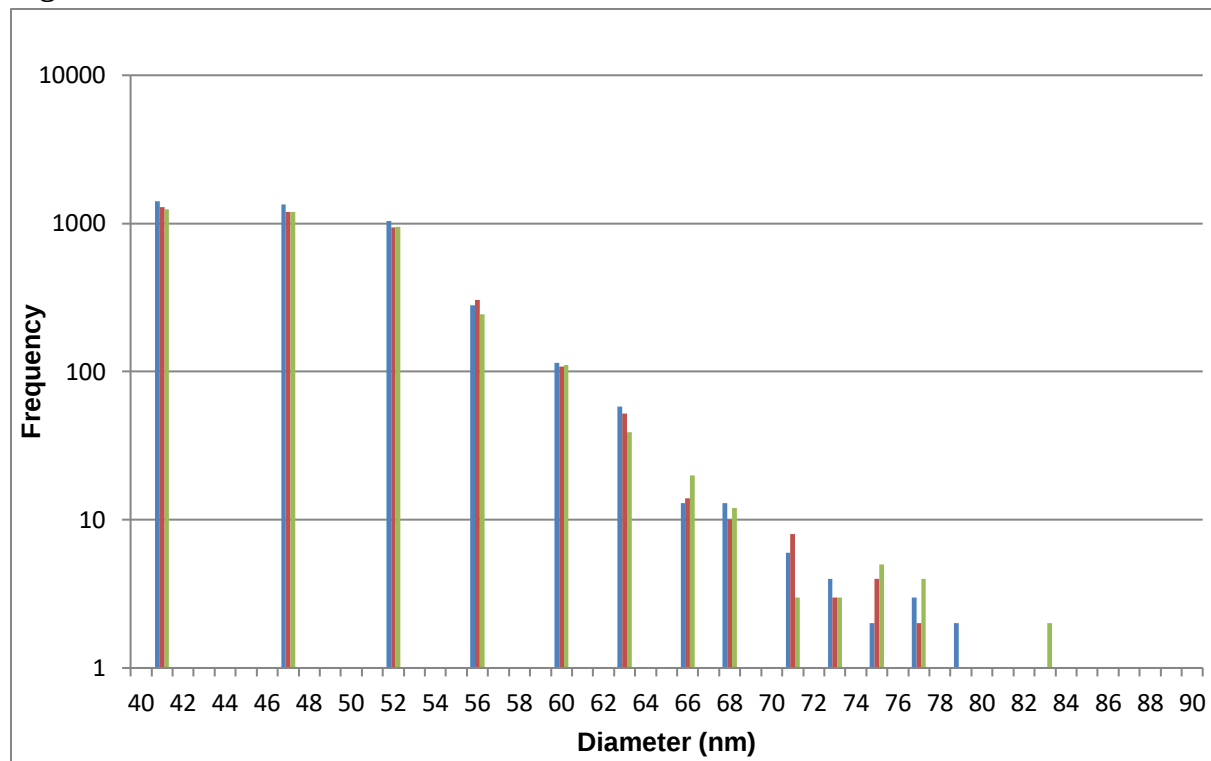
Size histograms for 3 runs of Butter lettuce Replicate 1 Root Plant 1

Fig. S134.



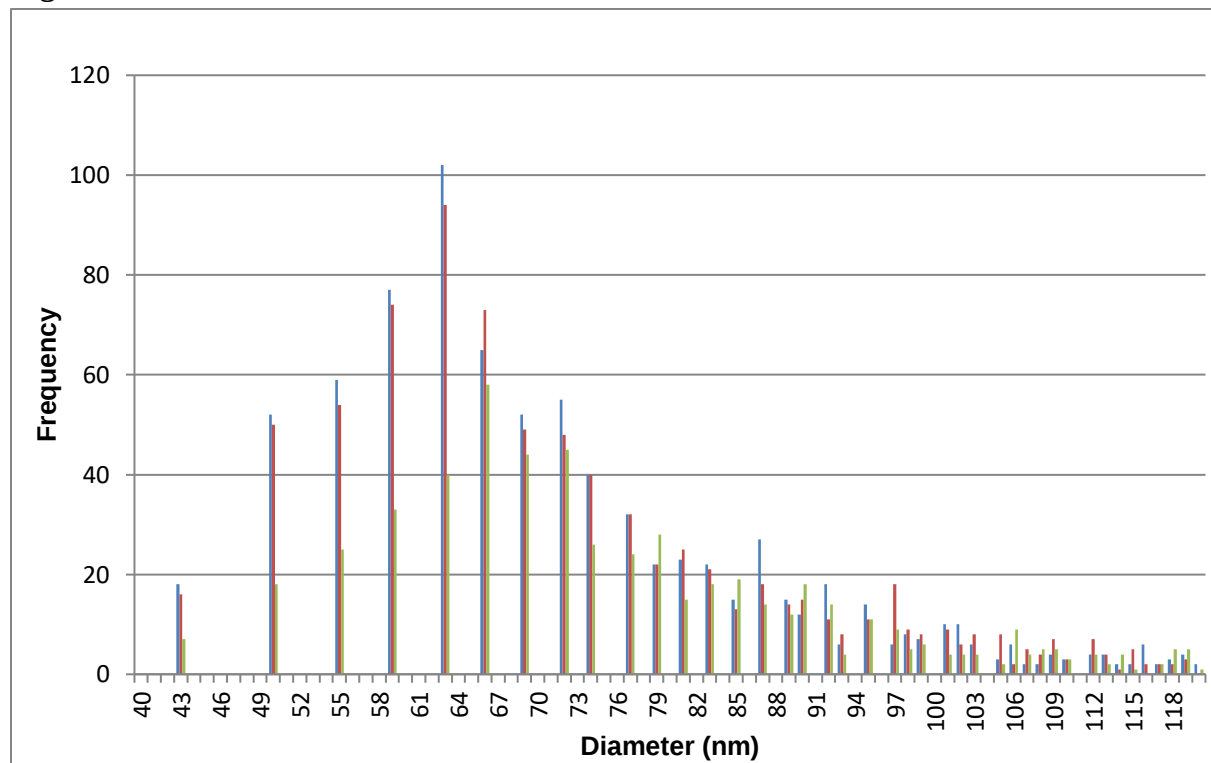
Size histograms for 3 runs of Butter lettuce Replicate 1 Root Plant 2

Fig. S135.



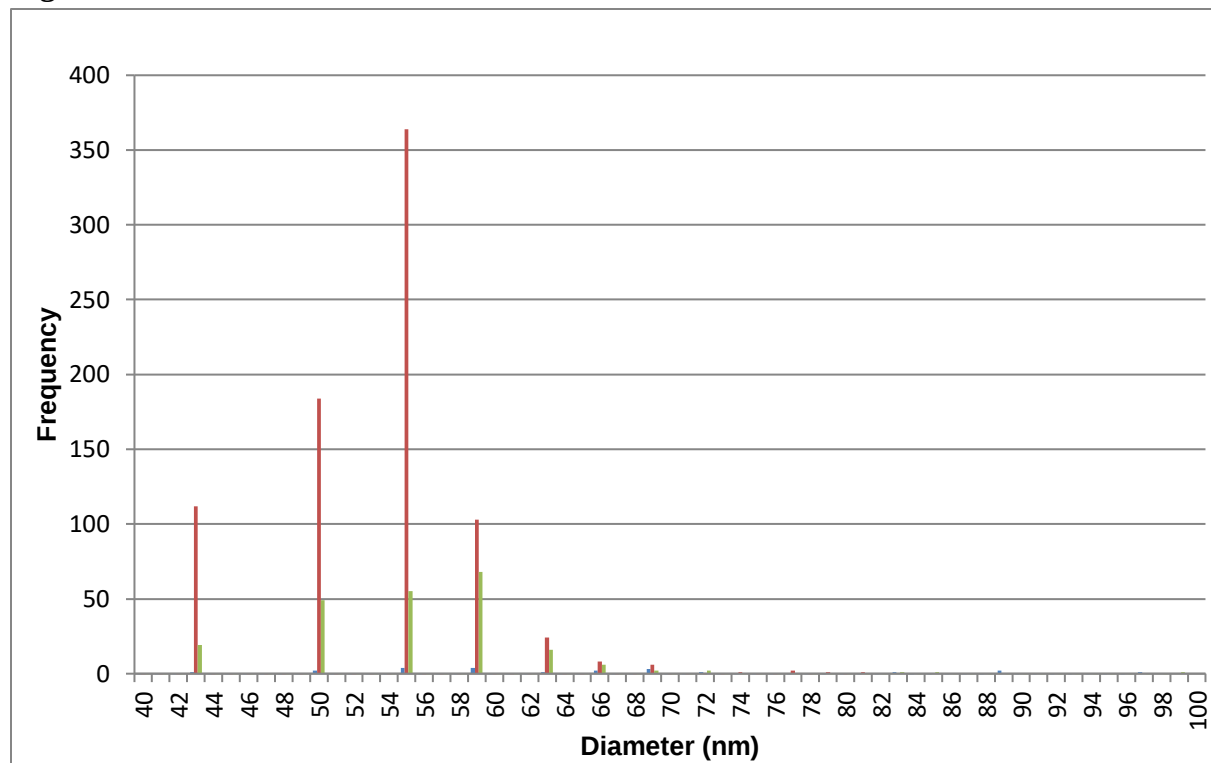
Size histograms for 3 runs of Butter lettuce Replicate 1 Root Plant 3

Fig. S136.



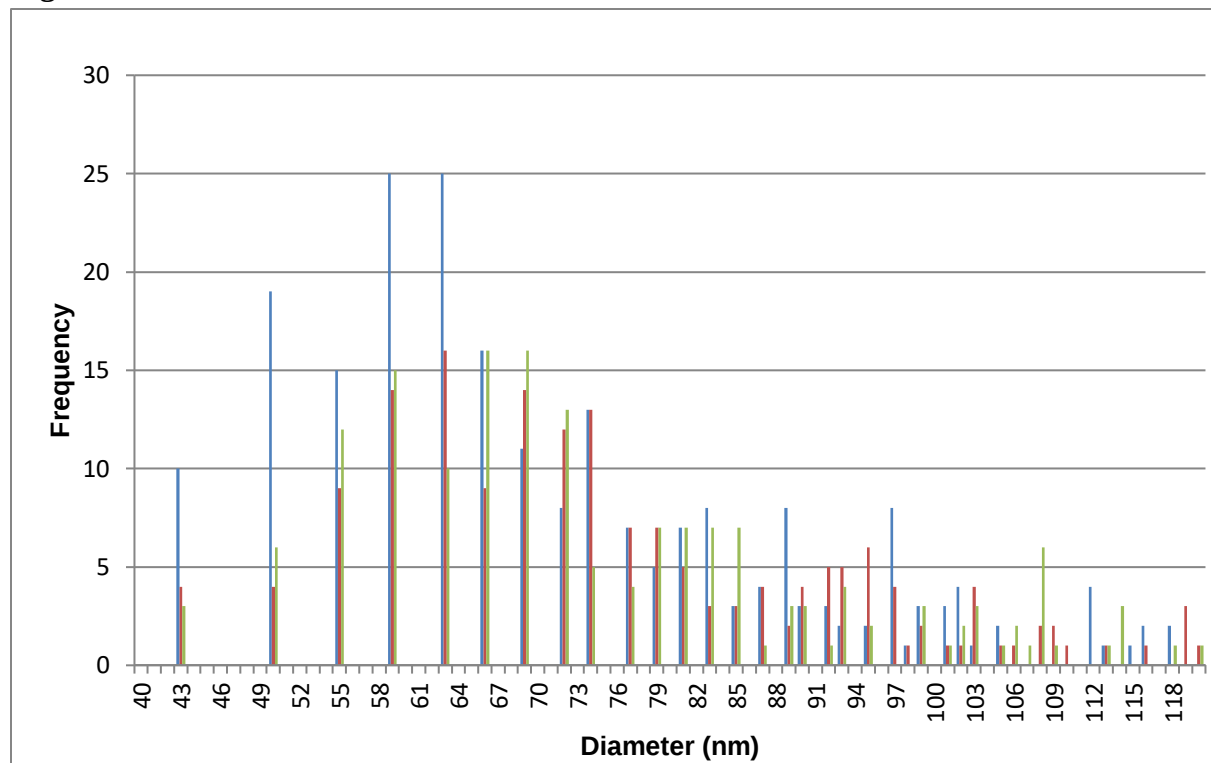
Size histograms for 3 runs of Butter lettuce Replicate 2 Root Plant 1

Fig. S137.



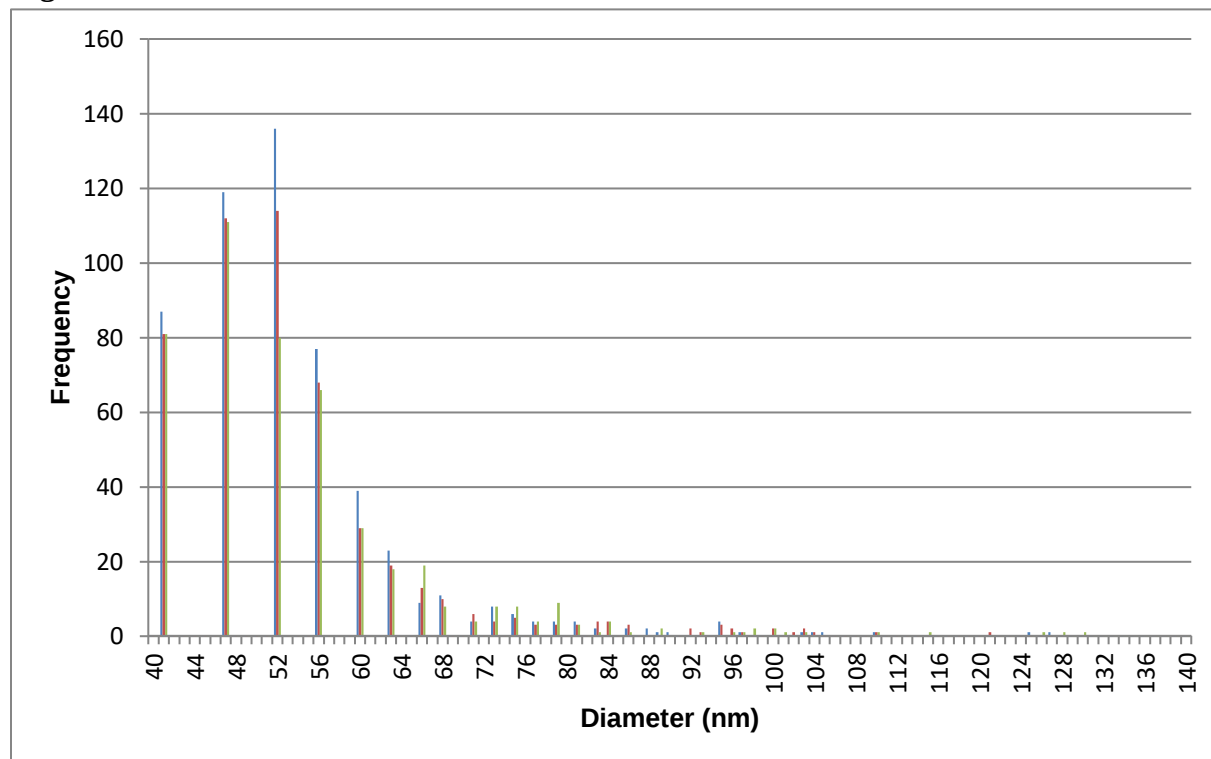
Size histograms for 3 runs of Butter lettuce Replicate 2 Root Plant 2

Fig. S138.



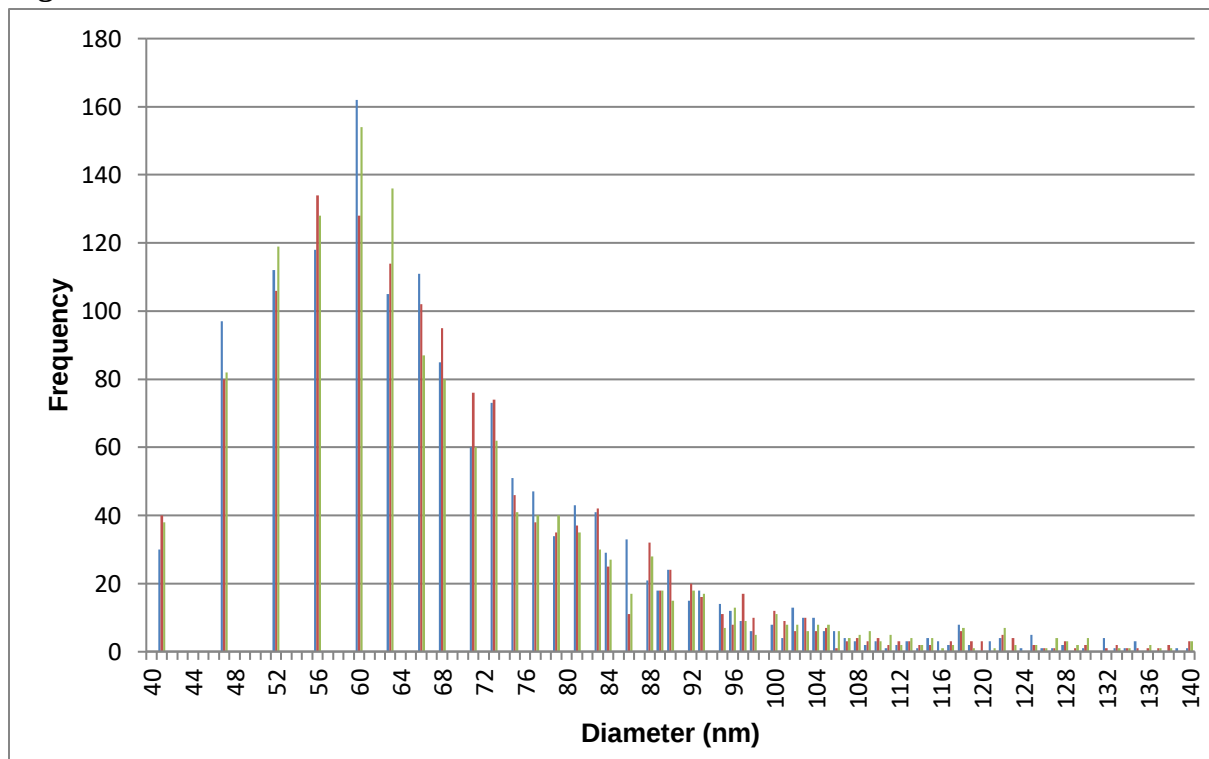
Size histograms for 3 runs of Butter lettuce Replicate 2 Root Plant 3

Fig. S139.



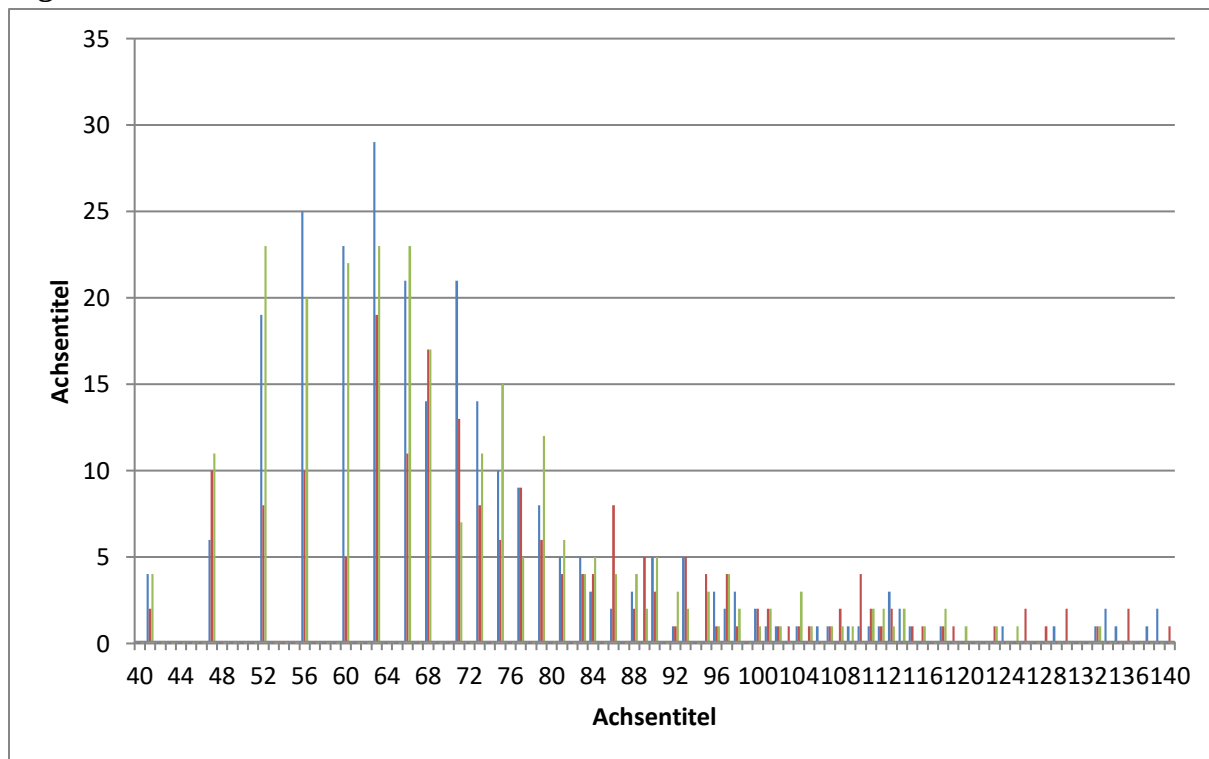
Size histograms for 3 runs of Butter lettuce Replicate 1 Shoot Plant 1

Fig. S140.



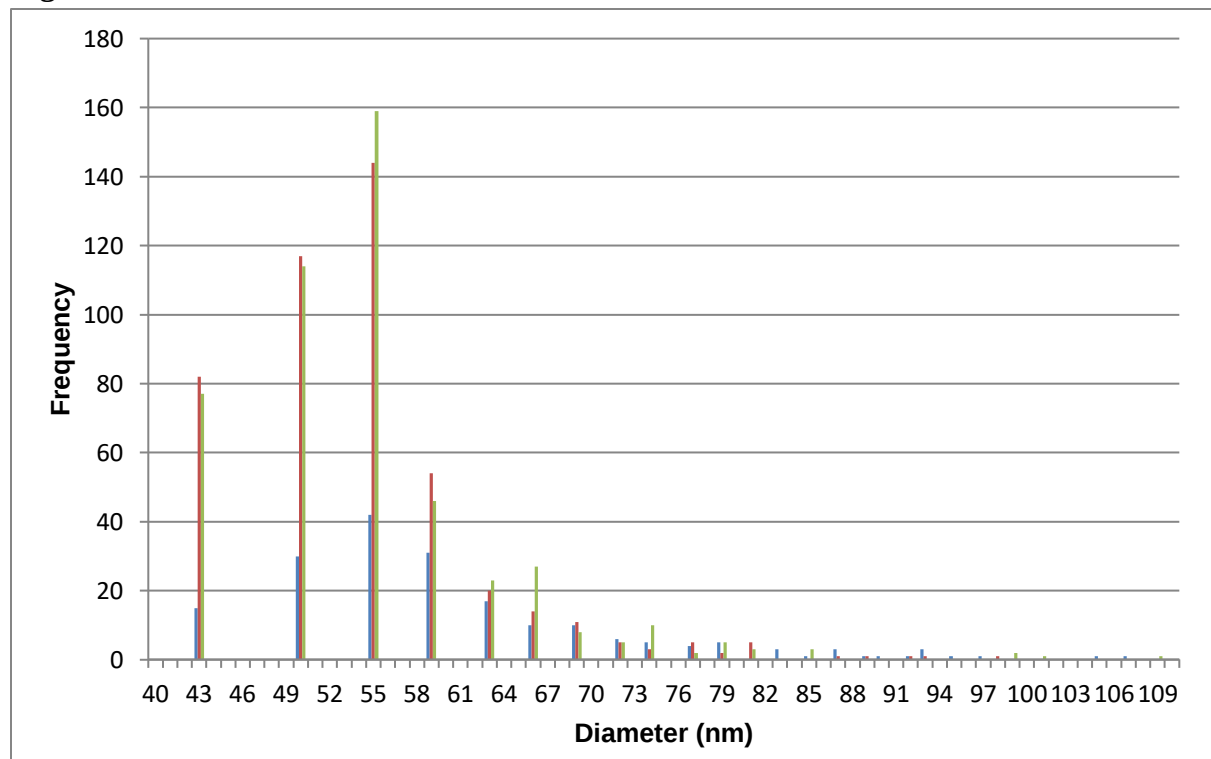
Size histograms for 3 runs of Butter lettuce Replicate 1 Shoot Plant 2

Fig. S141.



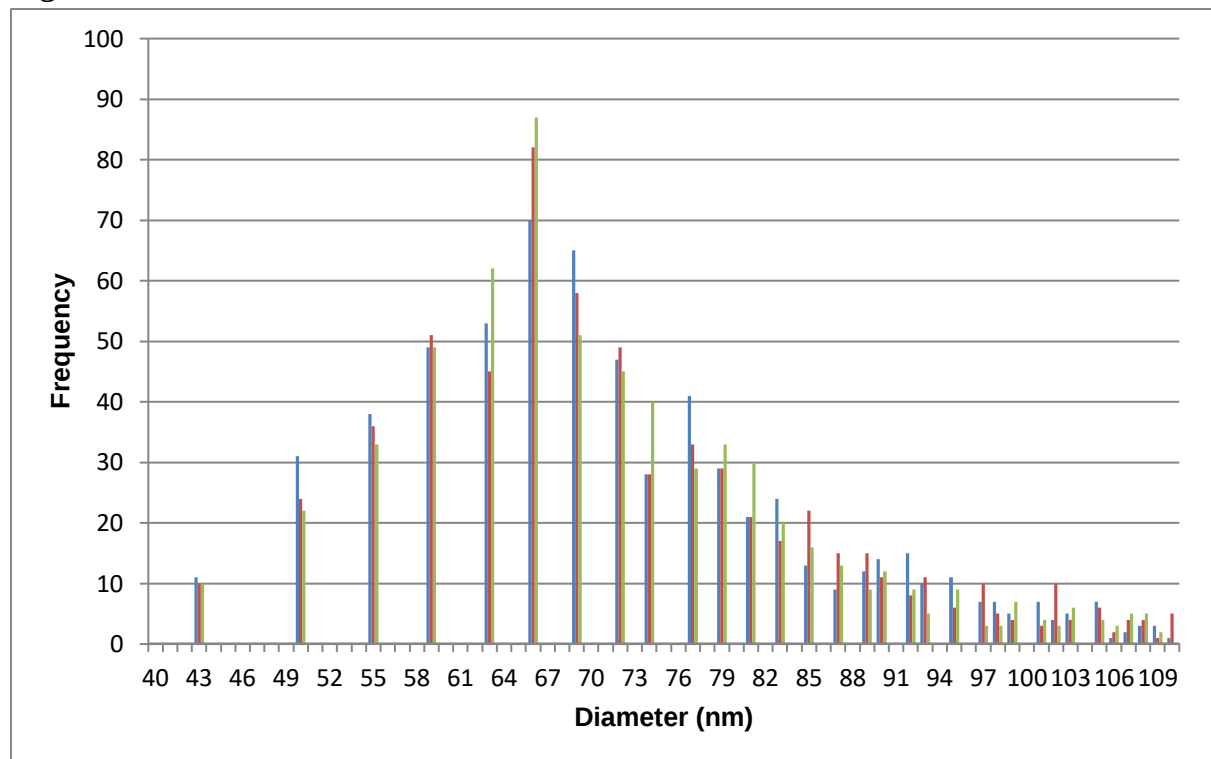
Size histograms for 3 runs of Butter lettuce Replicate 1 Shoot Plant 3

Fig. S142.



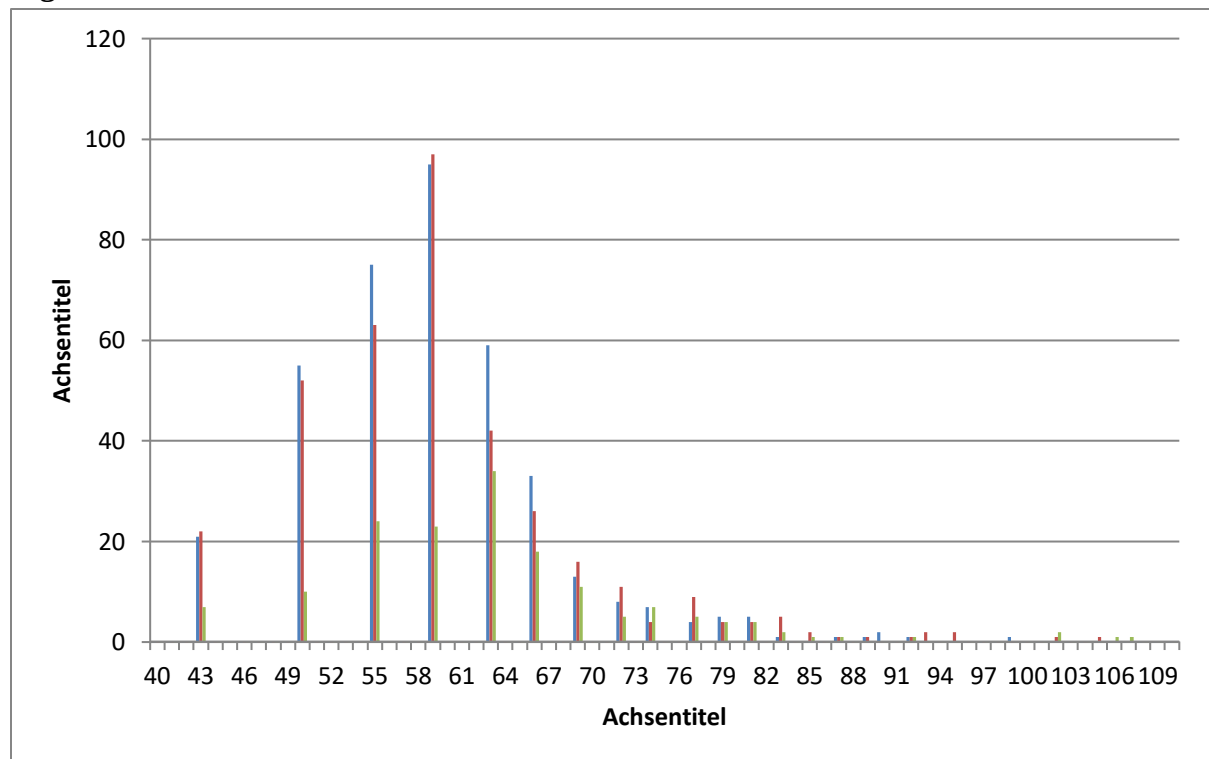
Size histograms for 3 runs of Butter lettuce Replicate 2 Shoot Plant 1

Fig. S143.



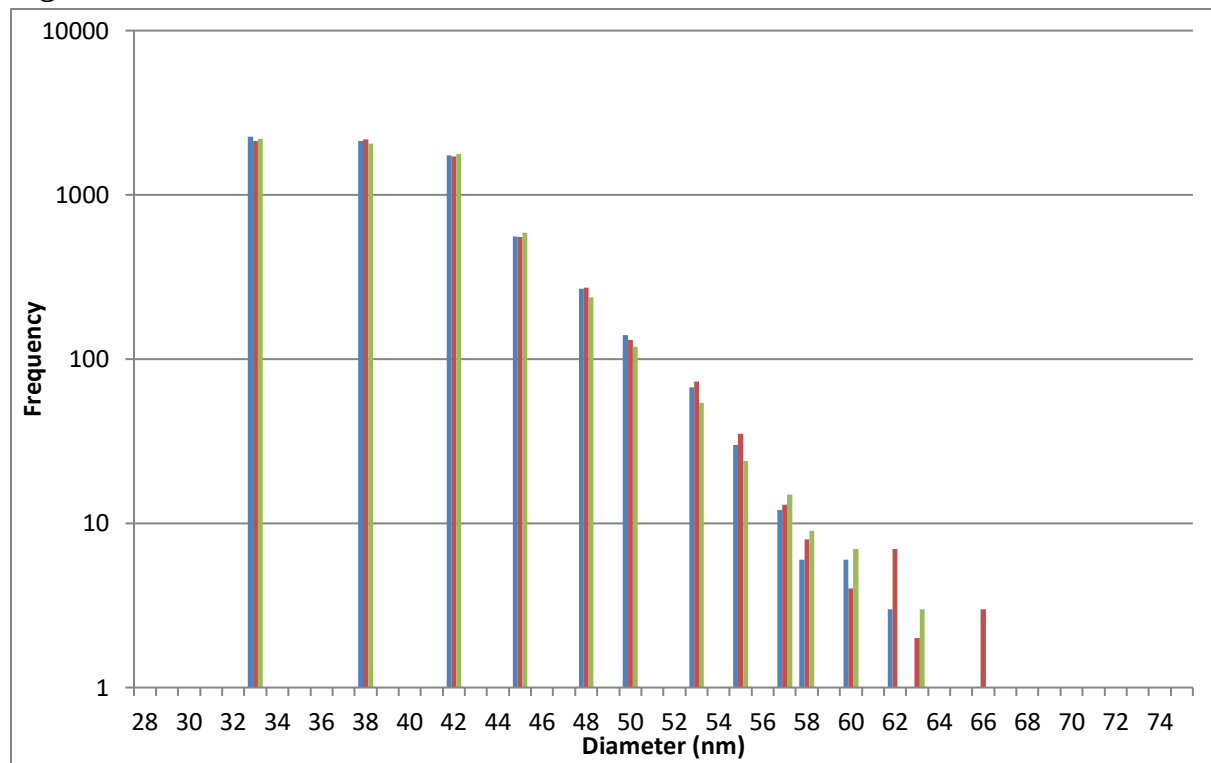
Size histograms for 3 runs of Butter lettuce Replicate 2 Shoot Plant 2

Fig. S144.



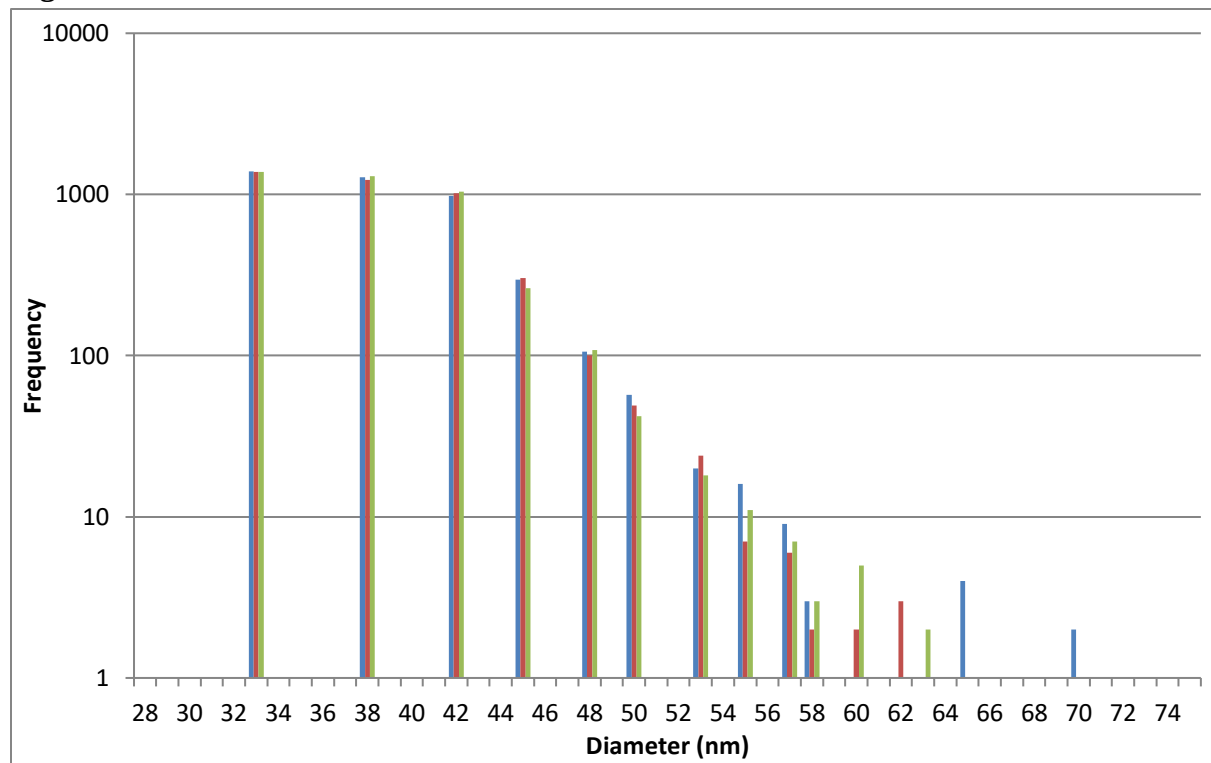
Size histograms for 3 runs of Butter lettuce Replicate 2 Shoot Plant 3

Fig. S145.



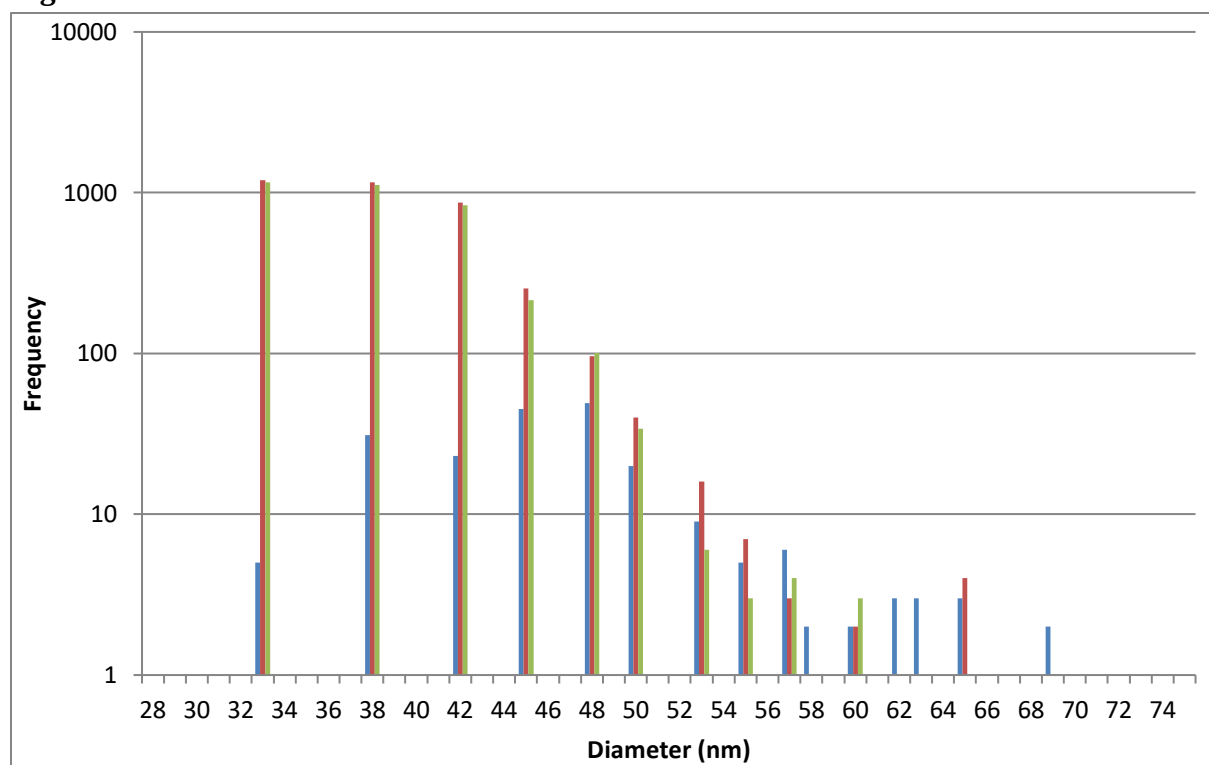
Size histograms for 3 runs of Linum Replicate 1 Root Plant 1

Fig. S146.



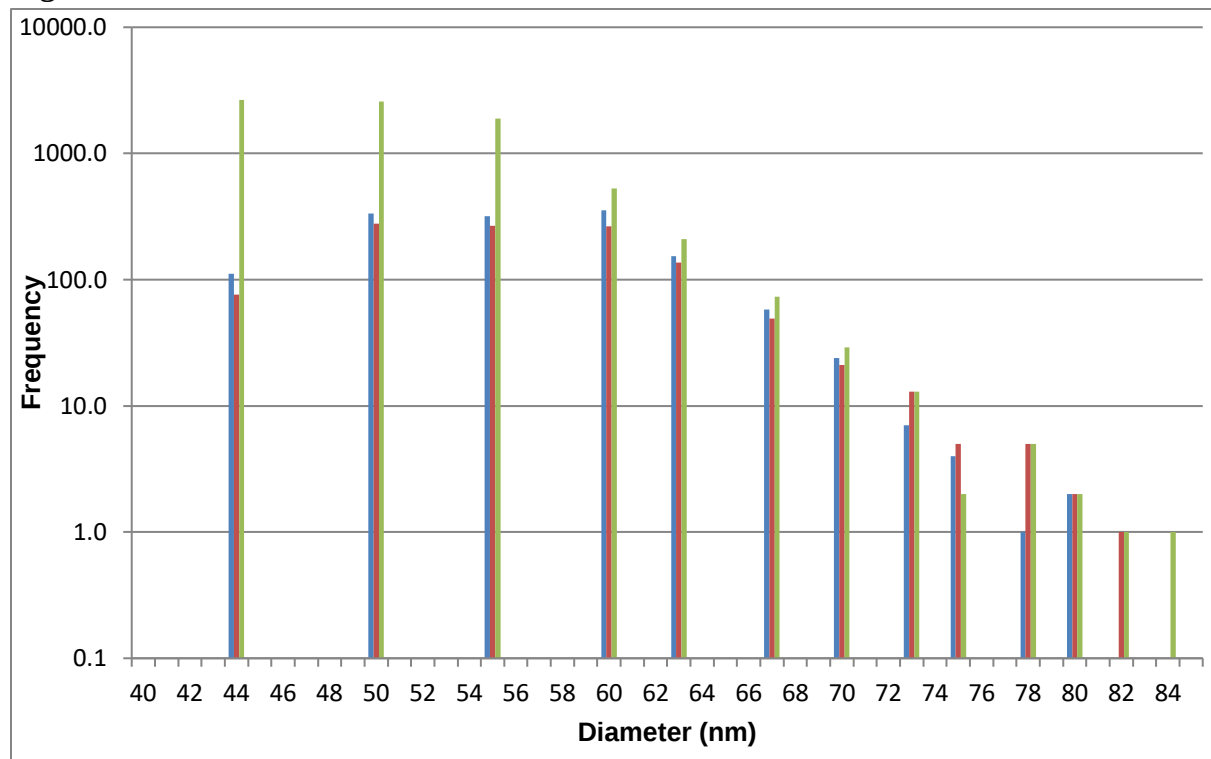
Size histograms for 3 runs of Linum Replicate 1 Root Plant 2

Fig. S147.



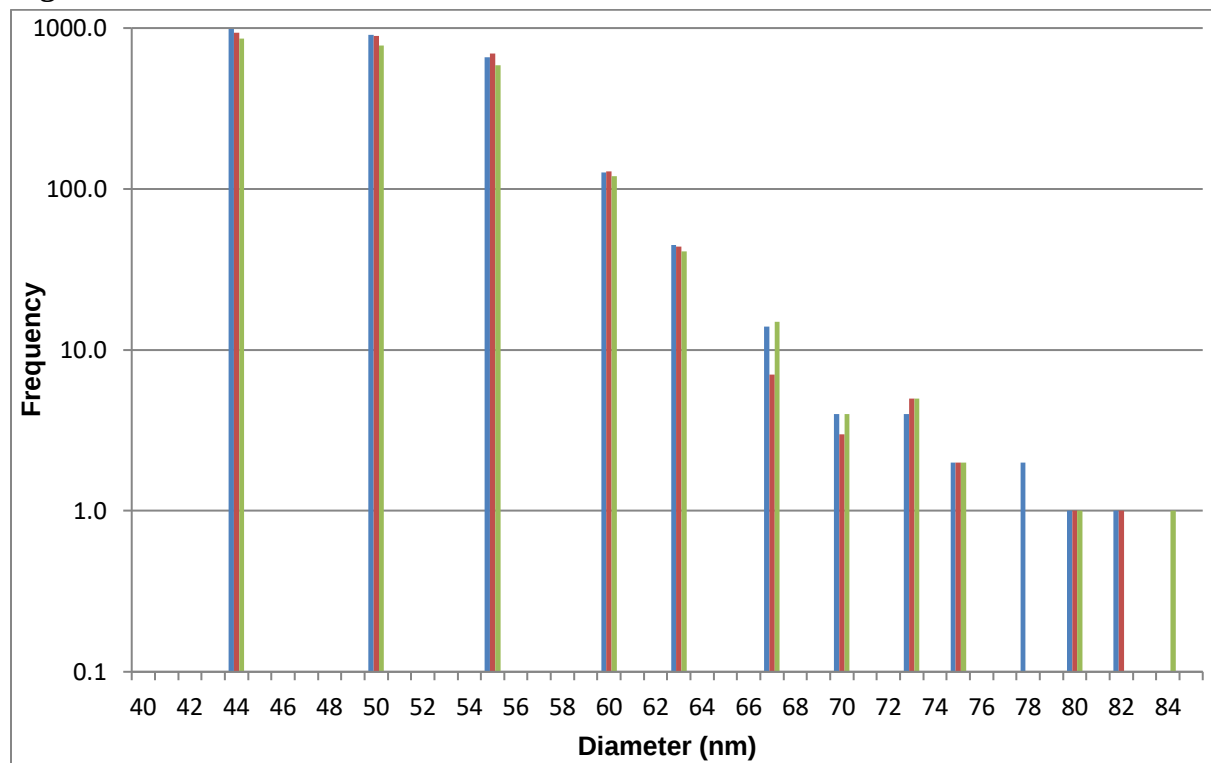
Size histograms for 3 runs of Linum Replicate 1 Root Plant 3

Fig. S148.



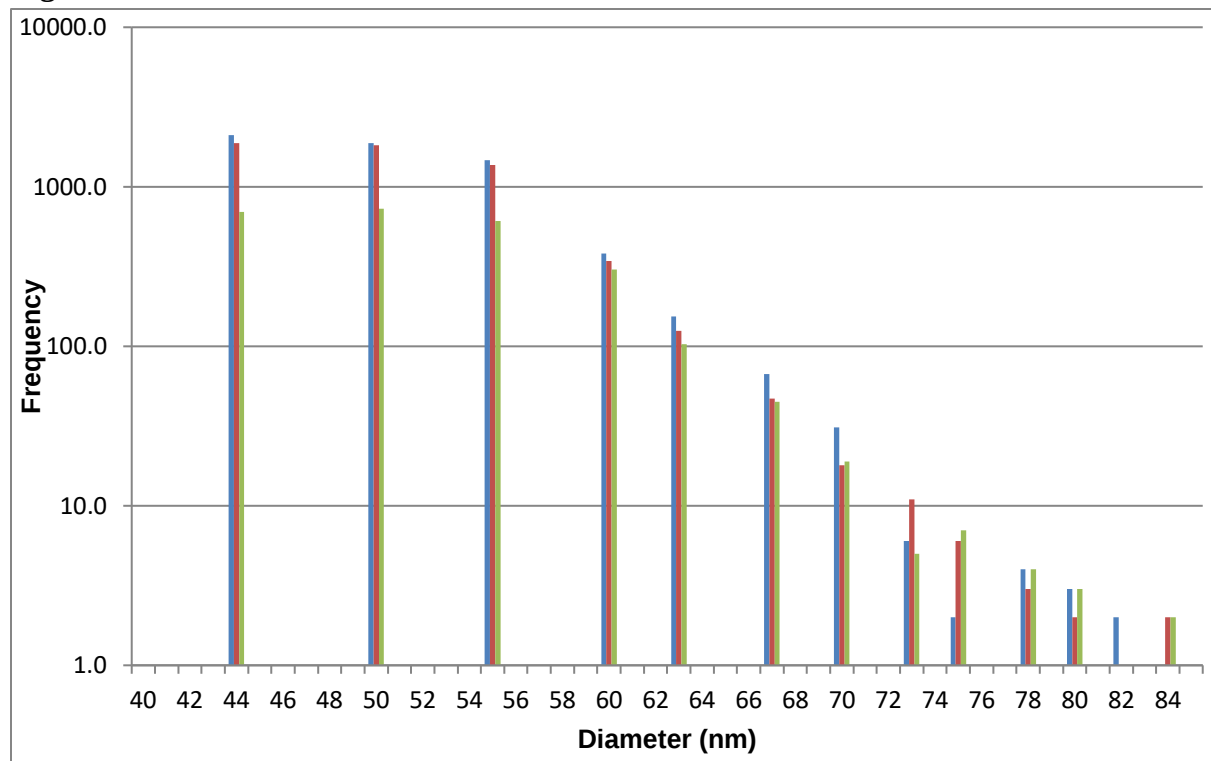
Size histograms for 3 runs of Linum Replicate 2 Root Plant 1

Fig. S149.



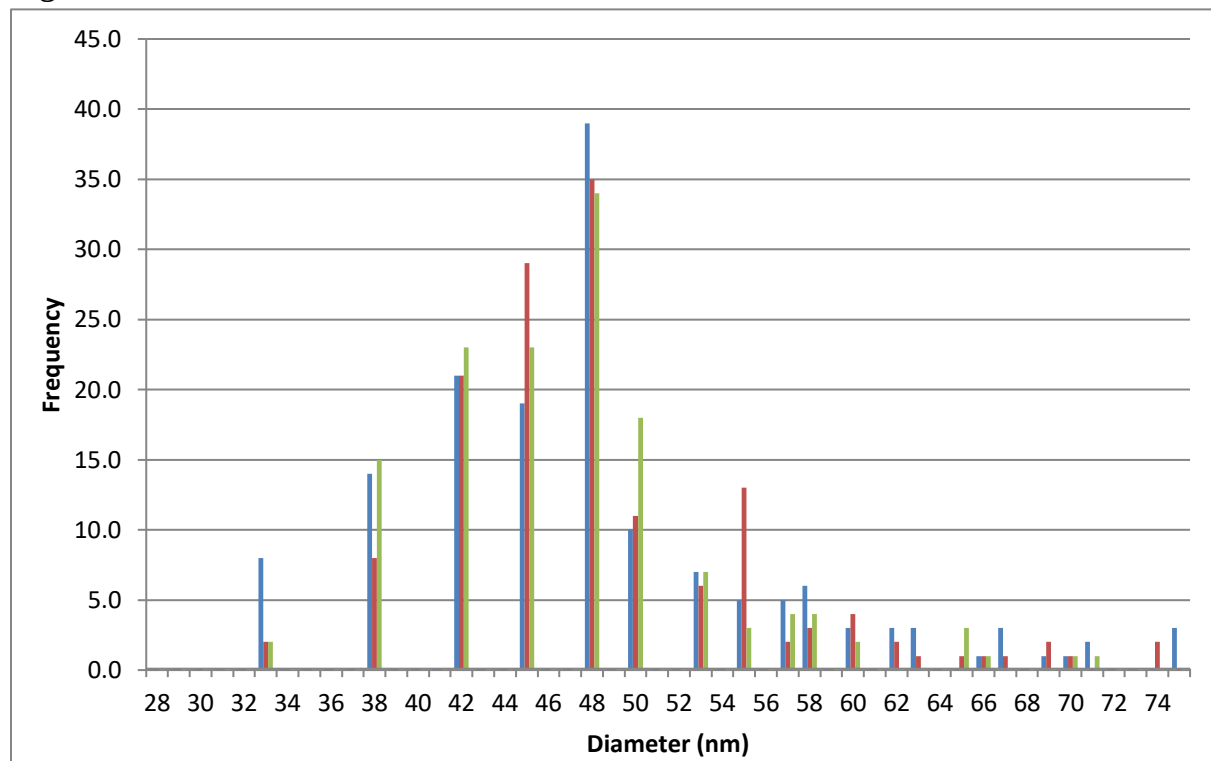
Size histograms for 3 runs of Linum Replicate 2 Root Plant 2

Fig. S150.



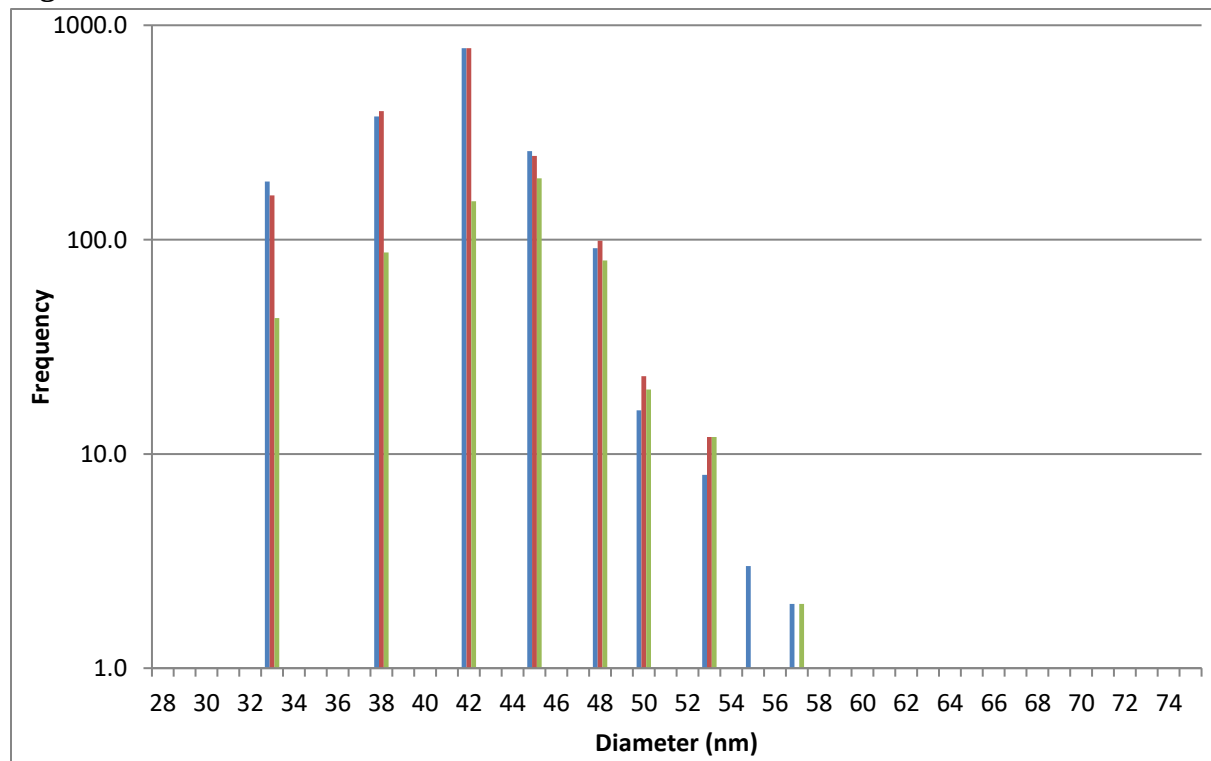
Size histograms for 3 runs of Linum Replicate 2 Root Plant 3

Fig. S151.



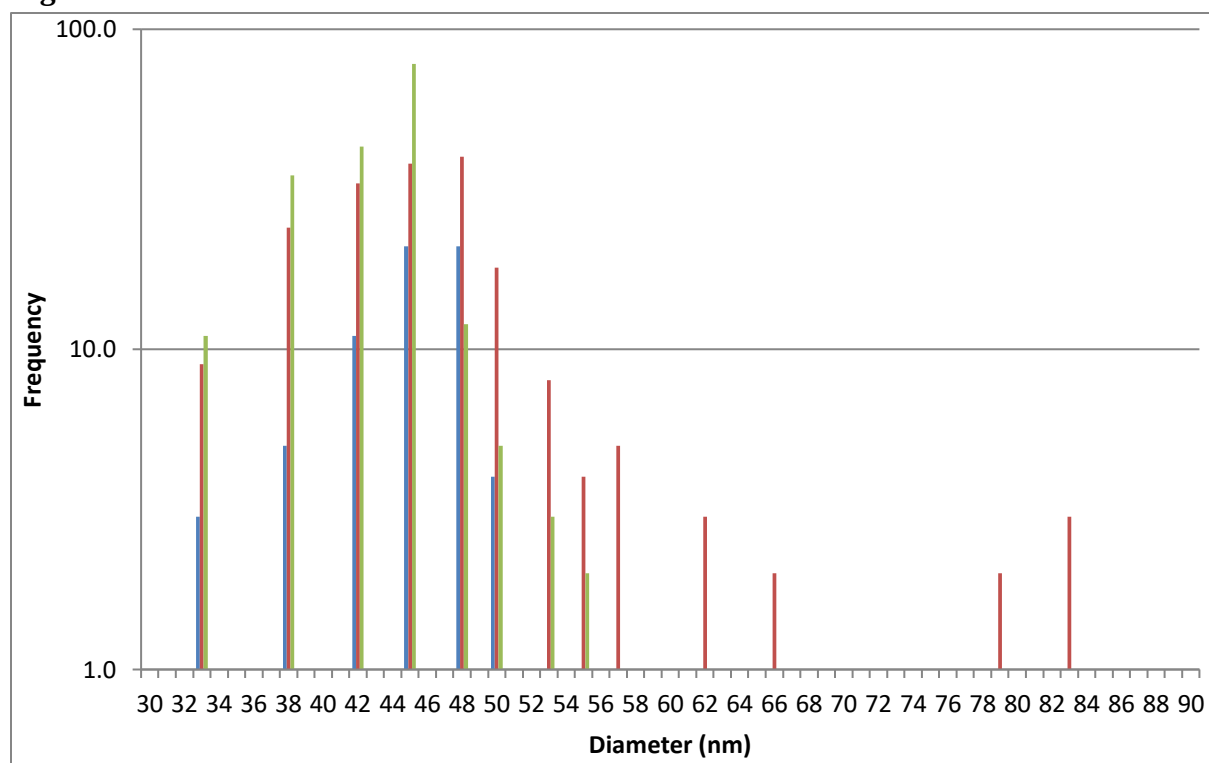
Size histograms for 3 runs of Linum Replicate 1 Shoot Plant 1

Fig. S152.



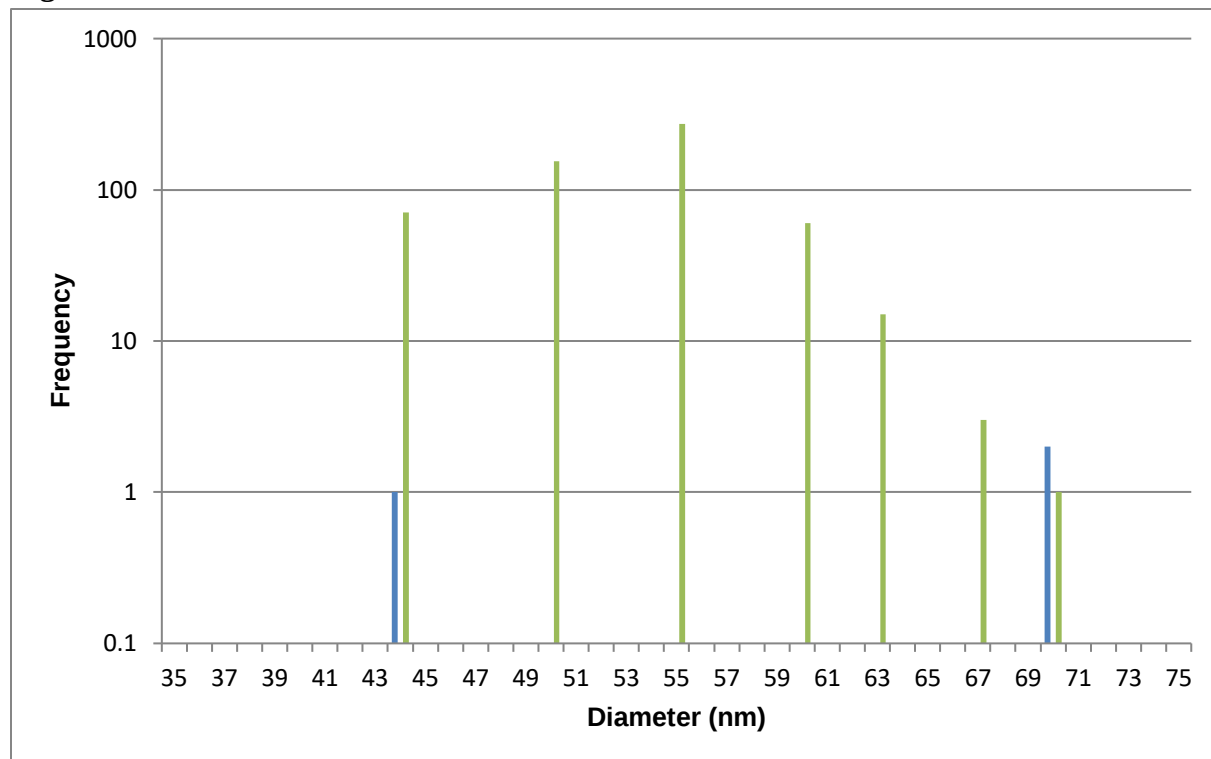
Size histograms for 3 runs of Linum Replicate 1 Shoot Plant 2

Fig. S153.



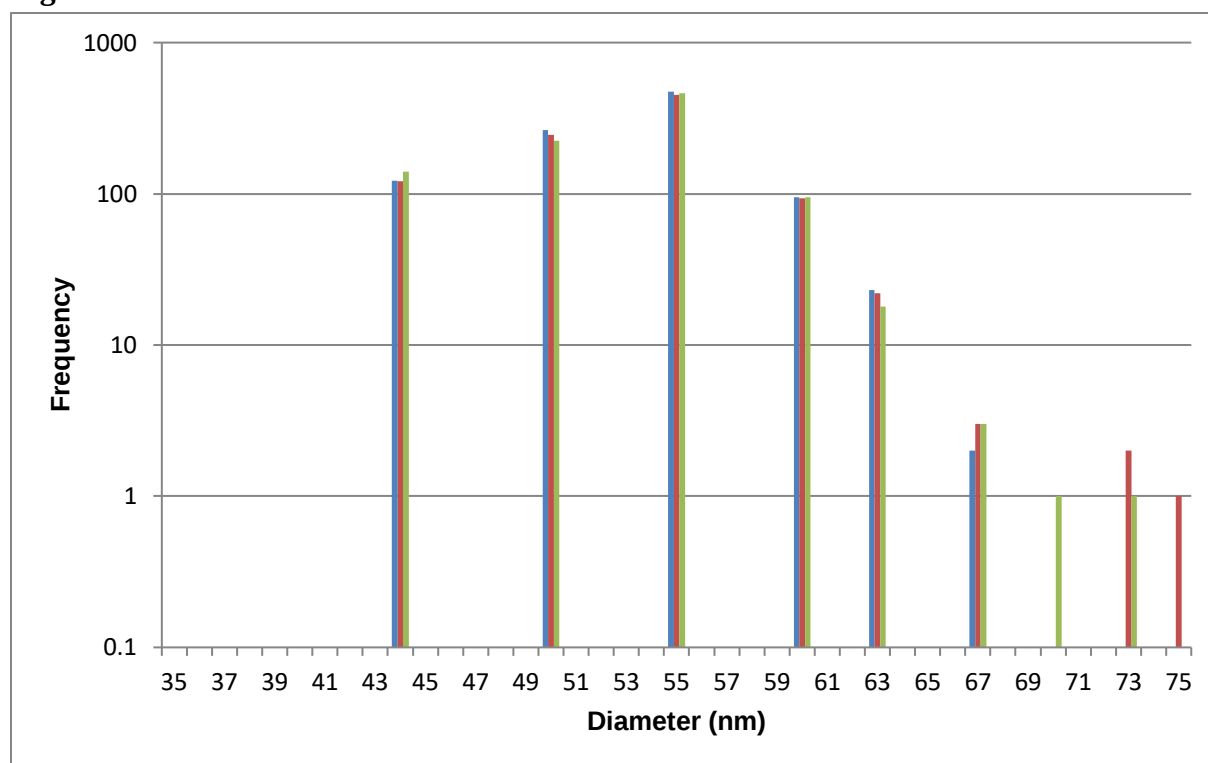
Size histograms for 3 runs of Linum Replicate 1 Shoot Plant 3

Fig. S154.



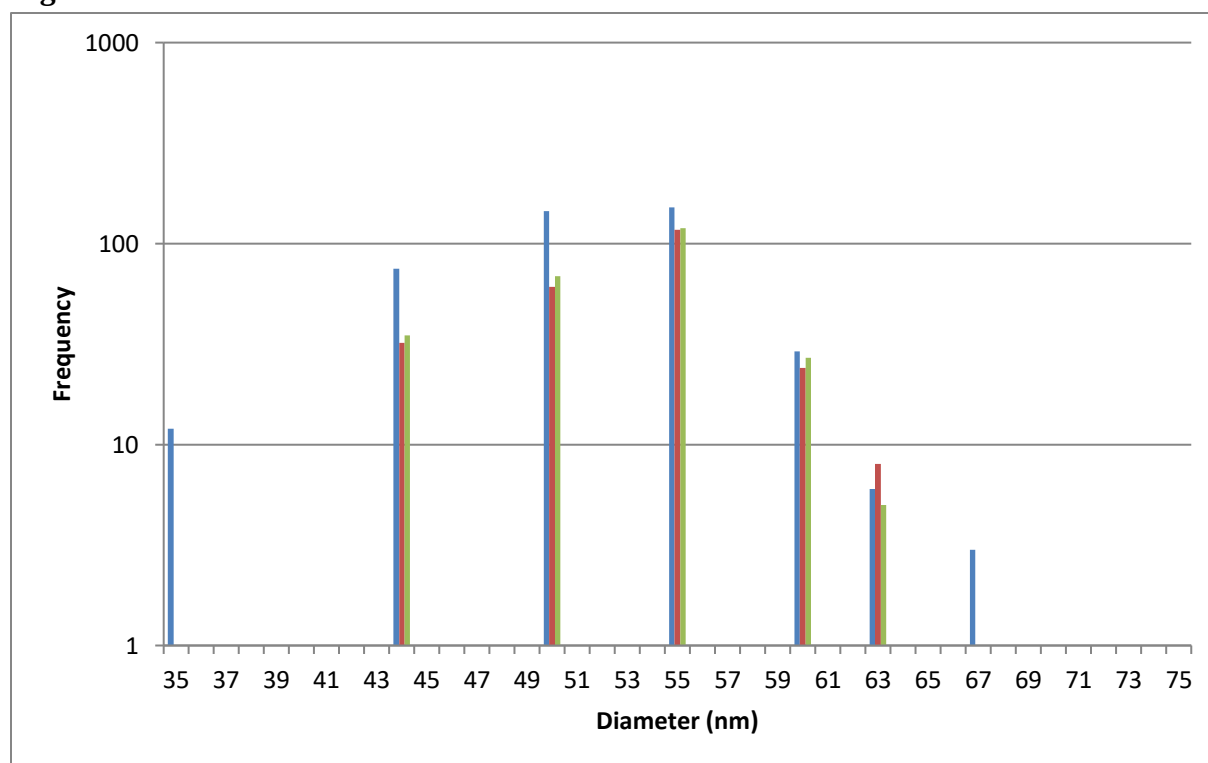
Size histograms for 3 runs of Linum Replicate 2 Shoot Plant 1

Fig. S155.



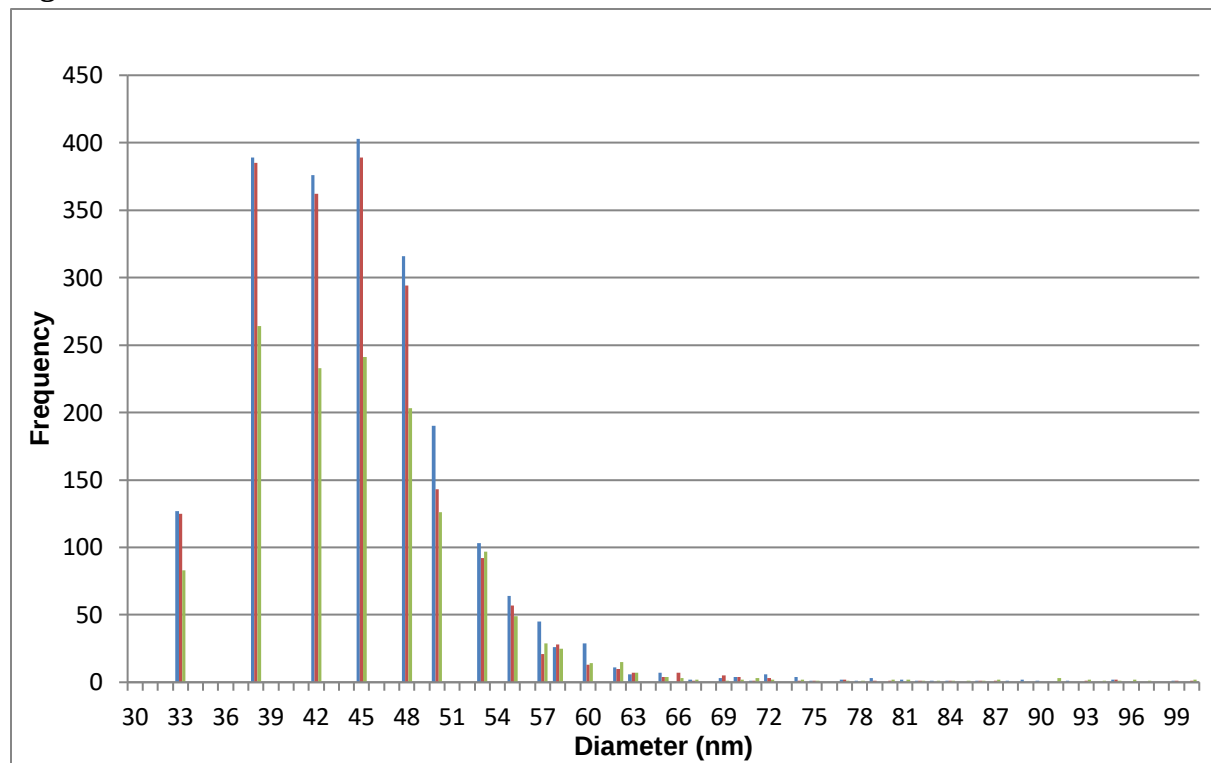
Size histograms for 3 runs of Linum Replicate 2 Shoot Plant 2

Fig. S156.



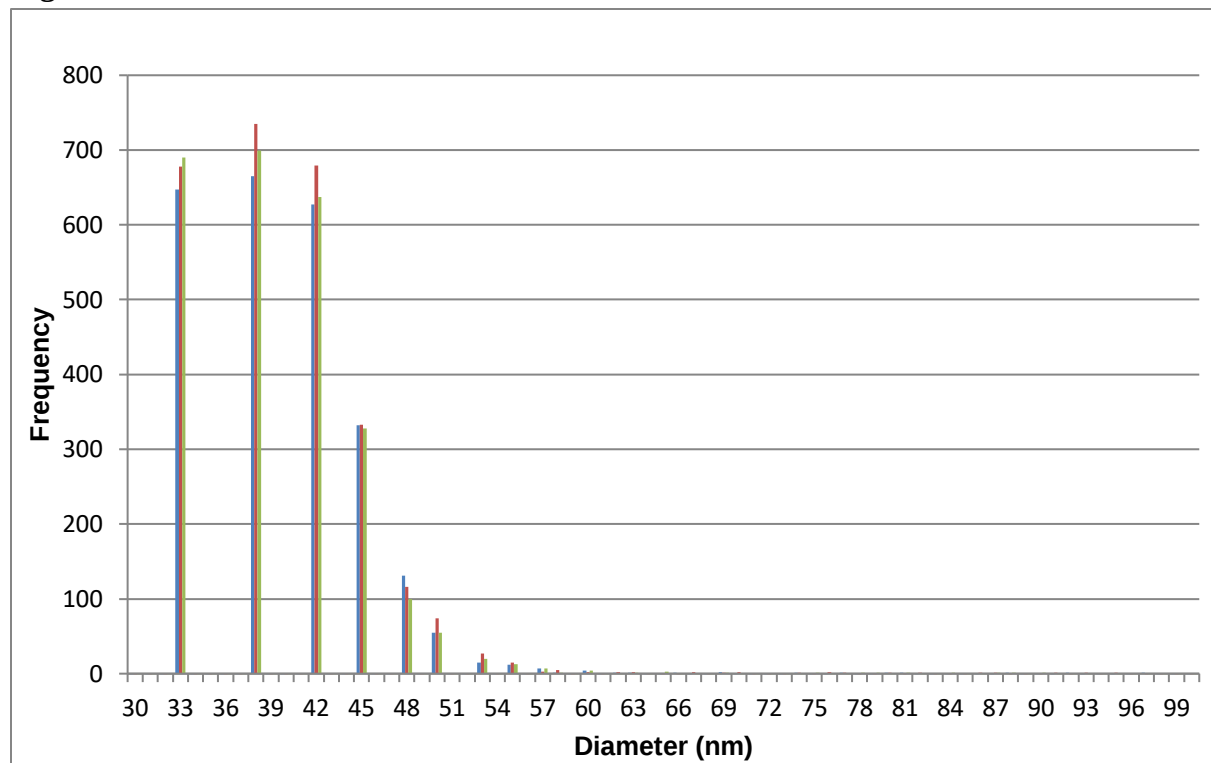
Size histograms for 3 runs of Linum Replicate 2 Shoot Plant 3

Fig. S157.



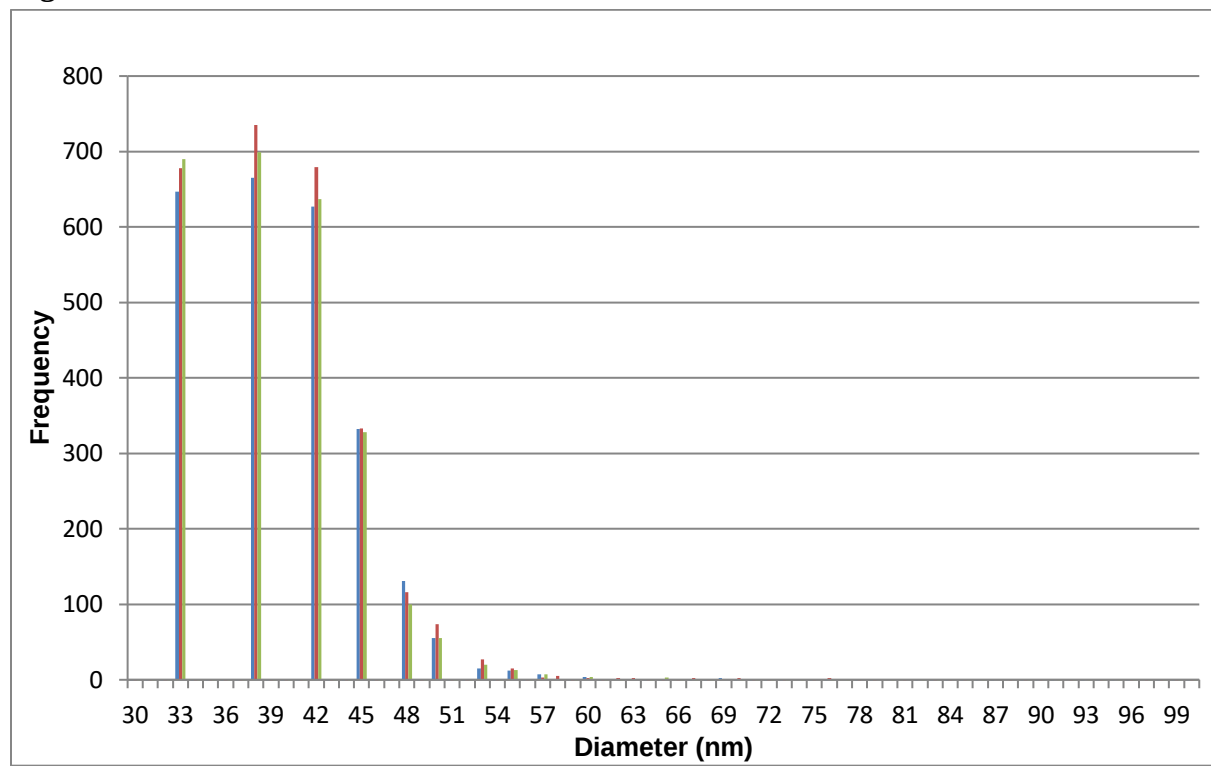
Size histograms for 3 runs of Lentil Replicate 1 Root Plant 1

Fig. S158.



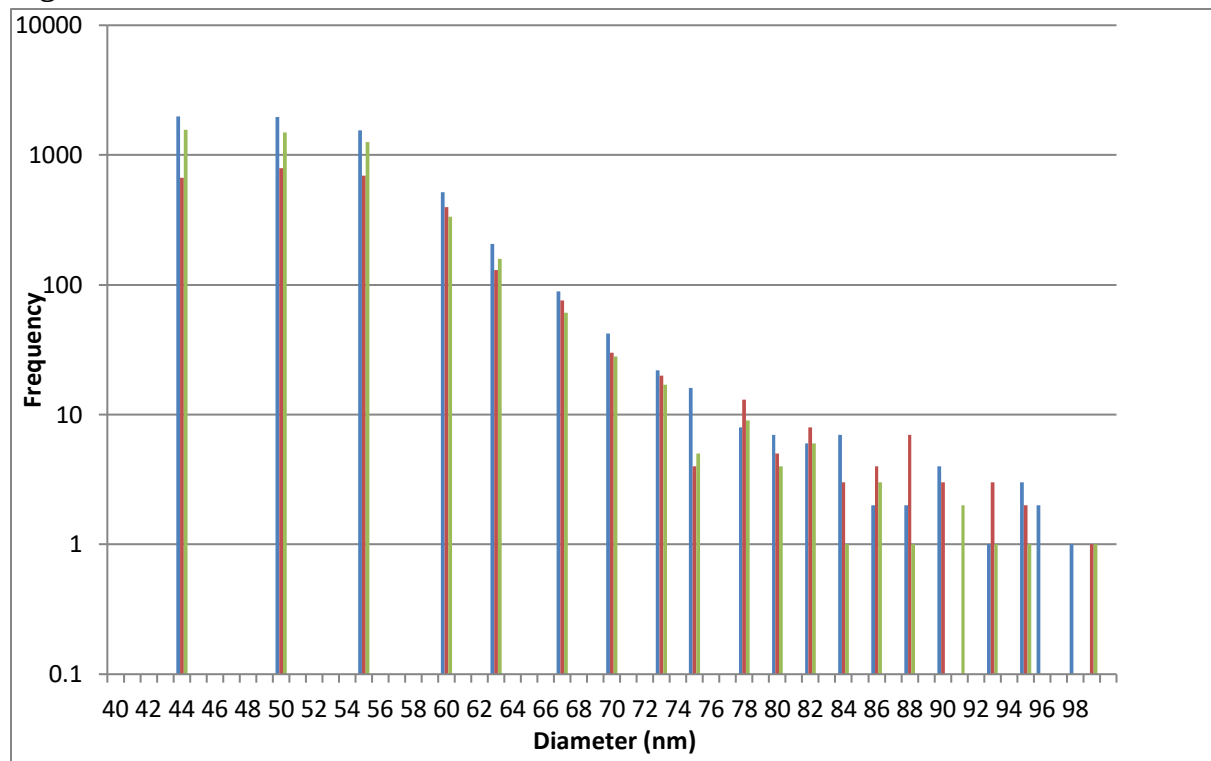
Size histograms for 3 runs of Lentil Replicate 1 Root Plant 2

Fig. S159.



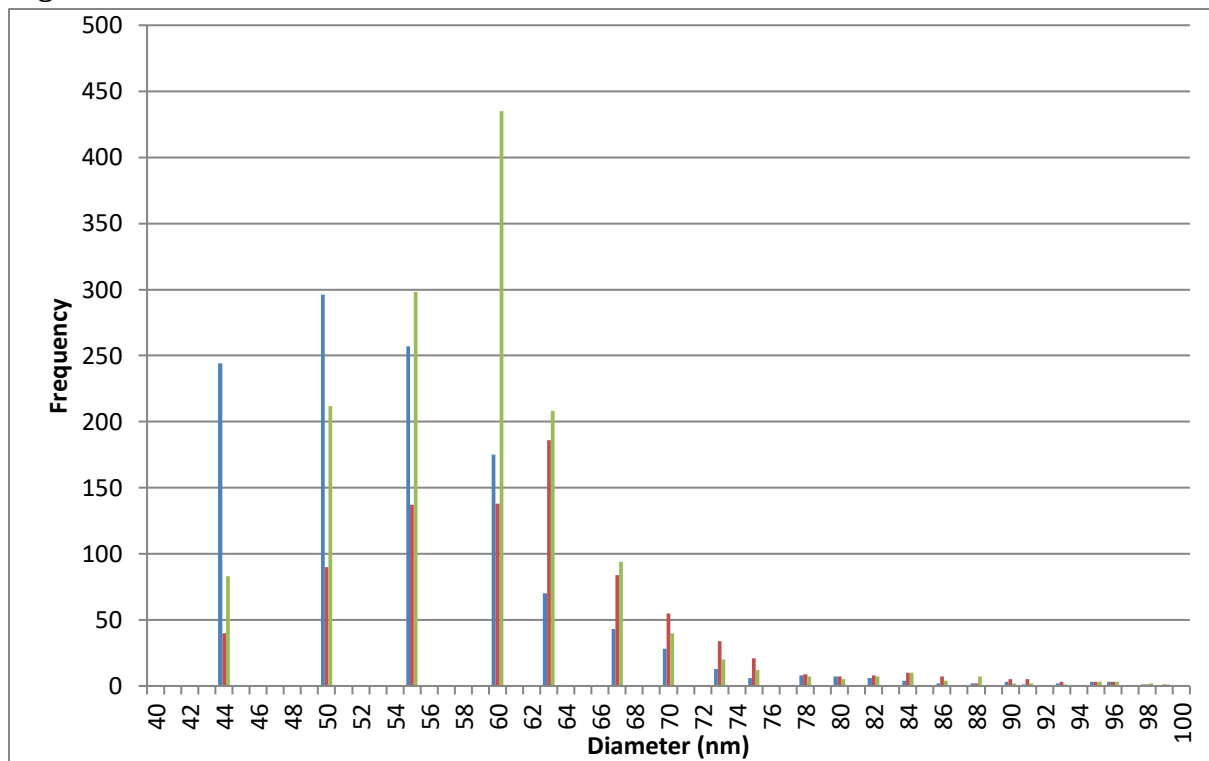
Size histograms for 3 runs of Lentil Replicate 1 Root Plant 3

Fig. S160.



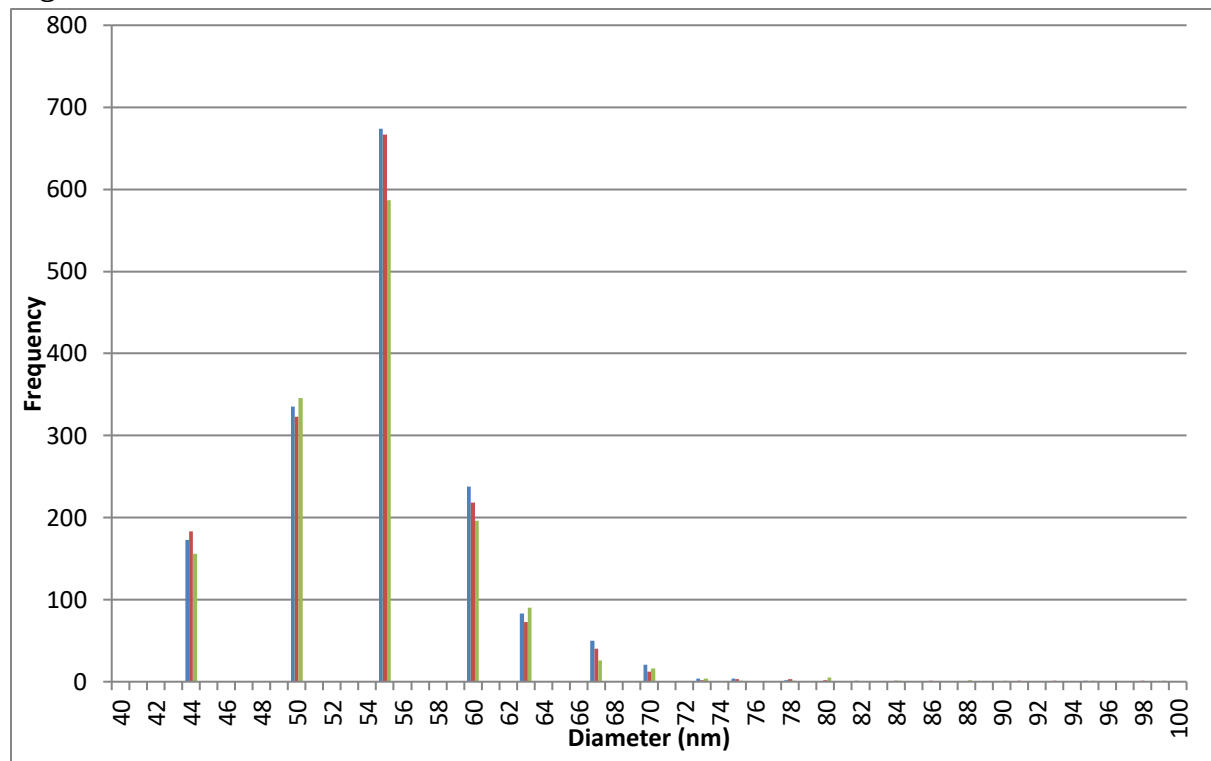
Size histograms for 3 runs of Lentil Replicate 2 Root Plant 1

Fig. S161.



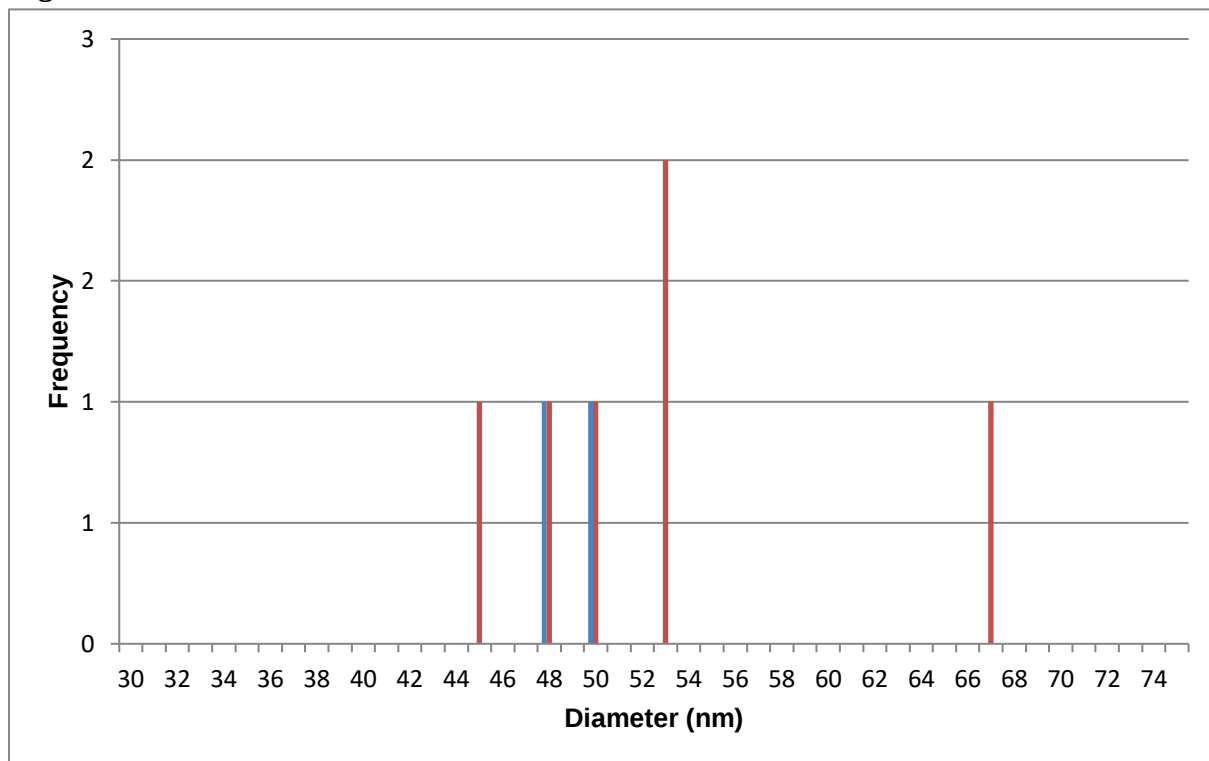
Size histograms for 3 runs of Lentil Replicate 2 Root Plant 2

Fig. S162.



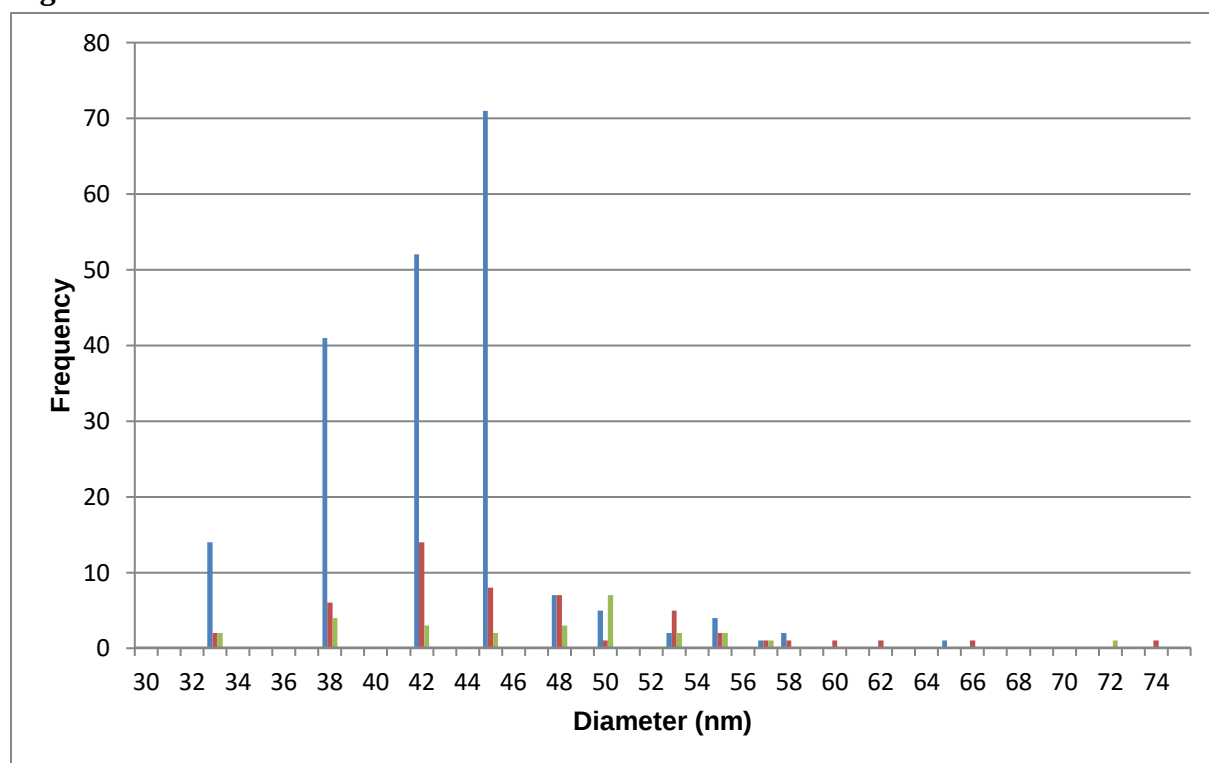
Size histograms for 3 runs of Lentil Replicate 2 Root Plant 3

Fig. S163.



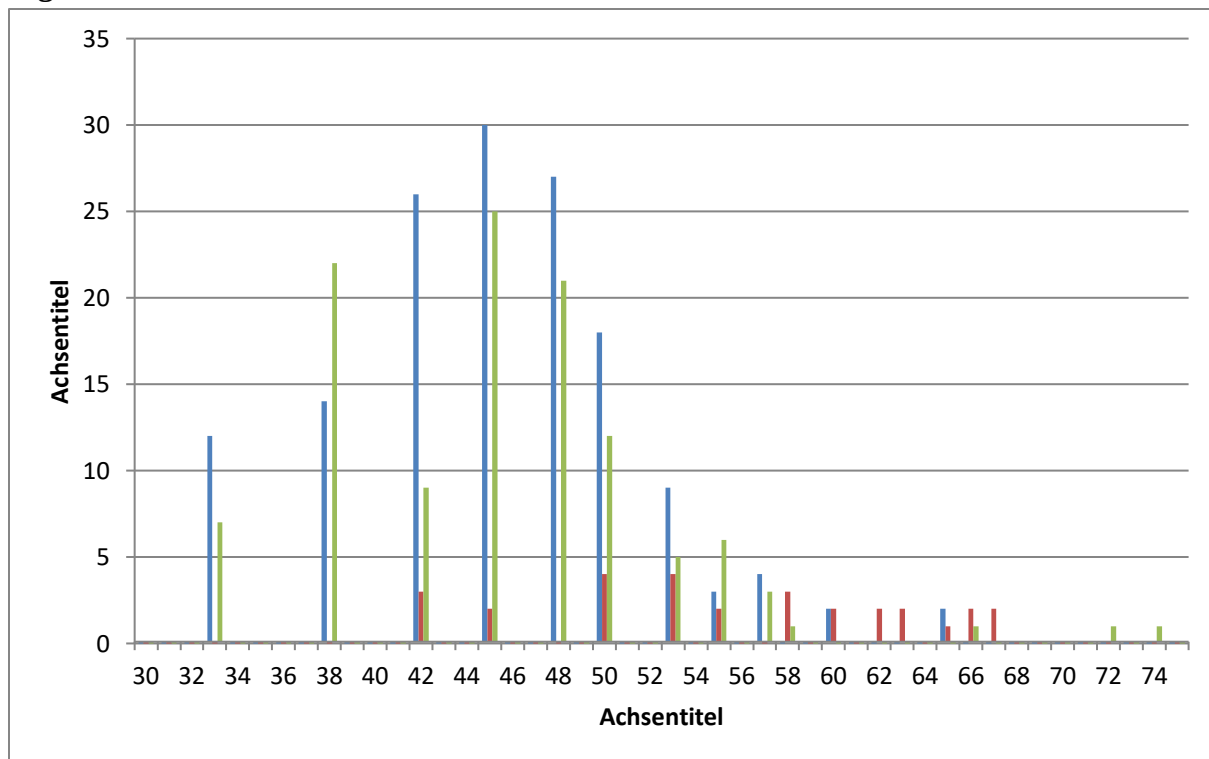
Size histograms for 3 runs of Lentil Replicate 1 Shoot Plant 1

Fig. S164.



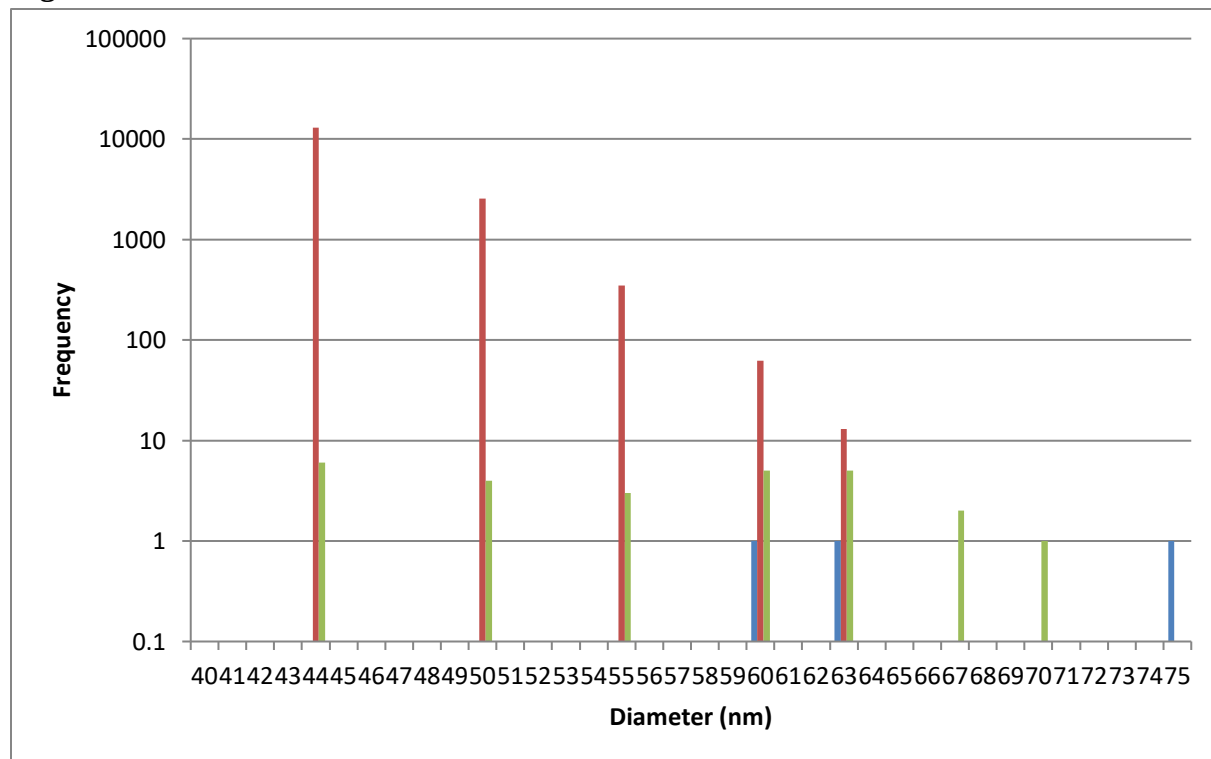
Size histograms for 3 runs of Lentil Replicate 1 Shoot Plant 2

Fig. S165.



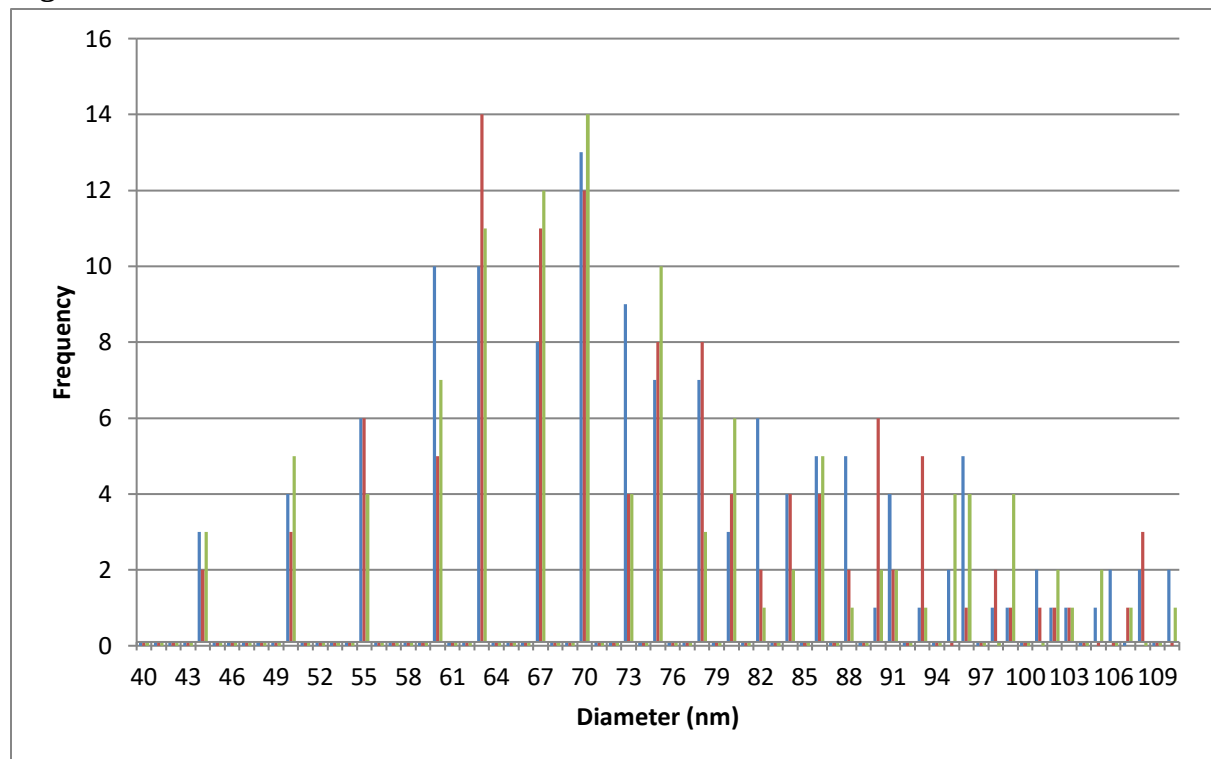
Size histograms for 3 runs of Lentil Replicate 1 Shoot Plant 3

Fig. S166.



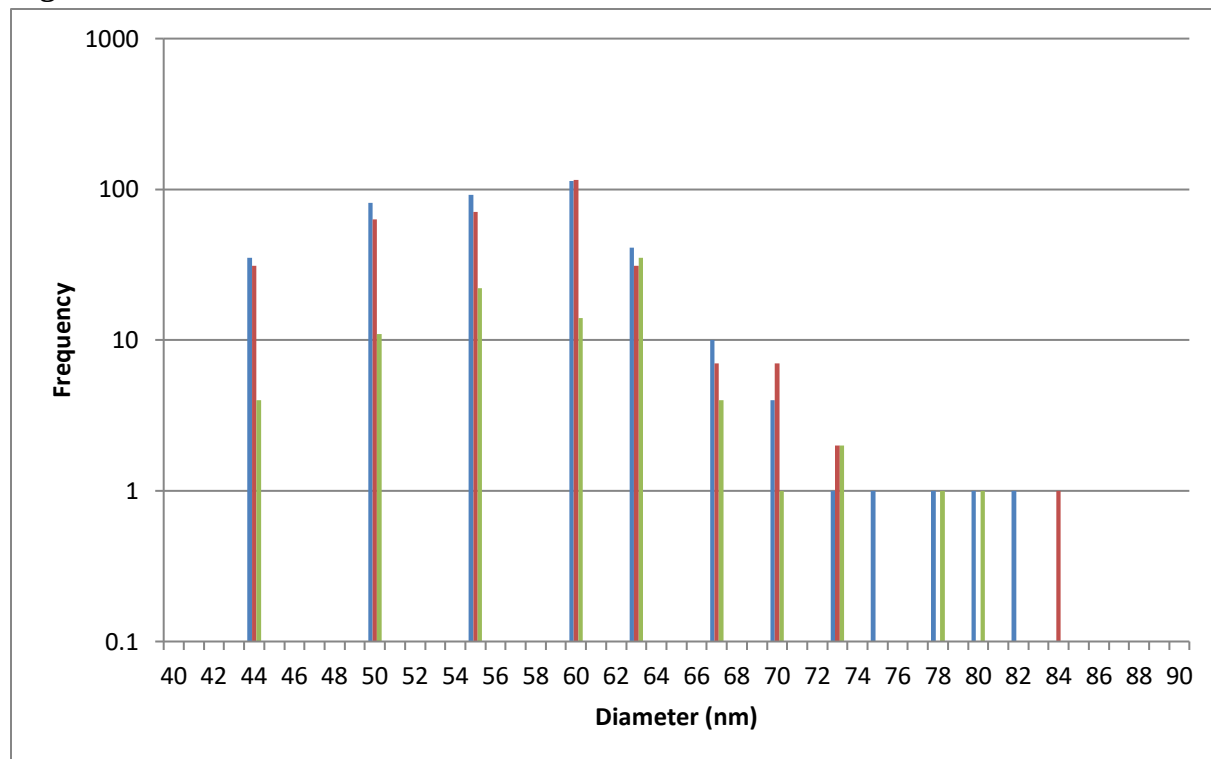
Size histograms for 3 runs of Lentil Replicate 2 Shoot Plant 1

Fig. S167.



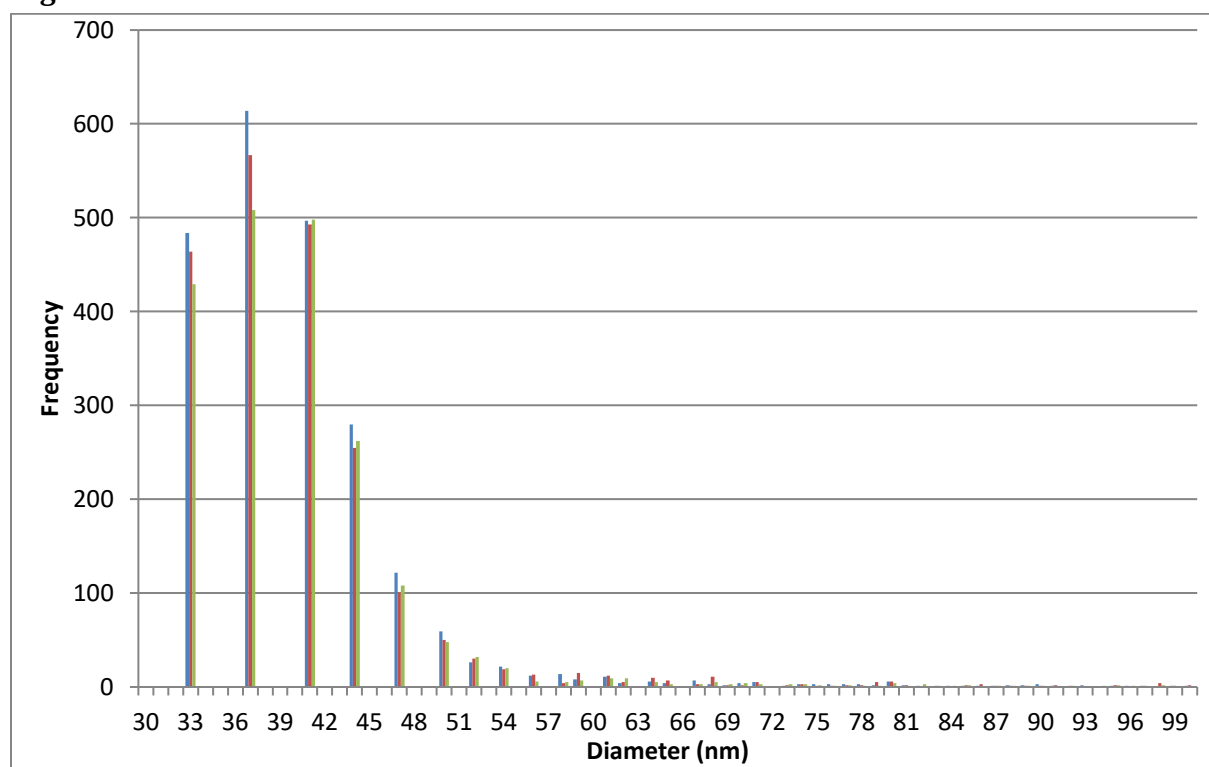
Size histograms for 3 runs of Lentil Replicate 2 Shoot Plant 2

Fig. S168.



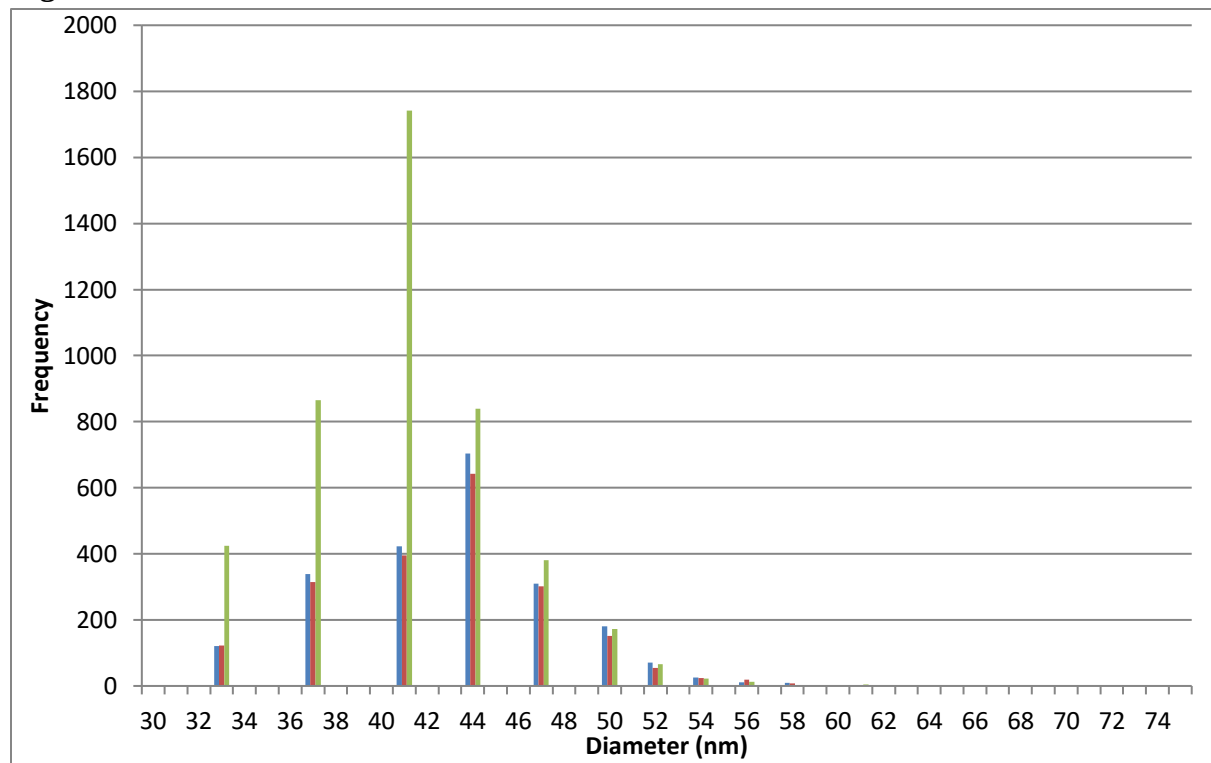
Size histograms for 3 runs of Lentil Replicate 2 Shoot Plant 3

Fig. S169.



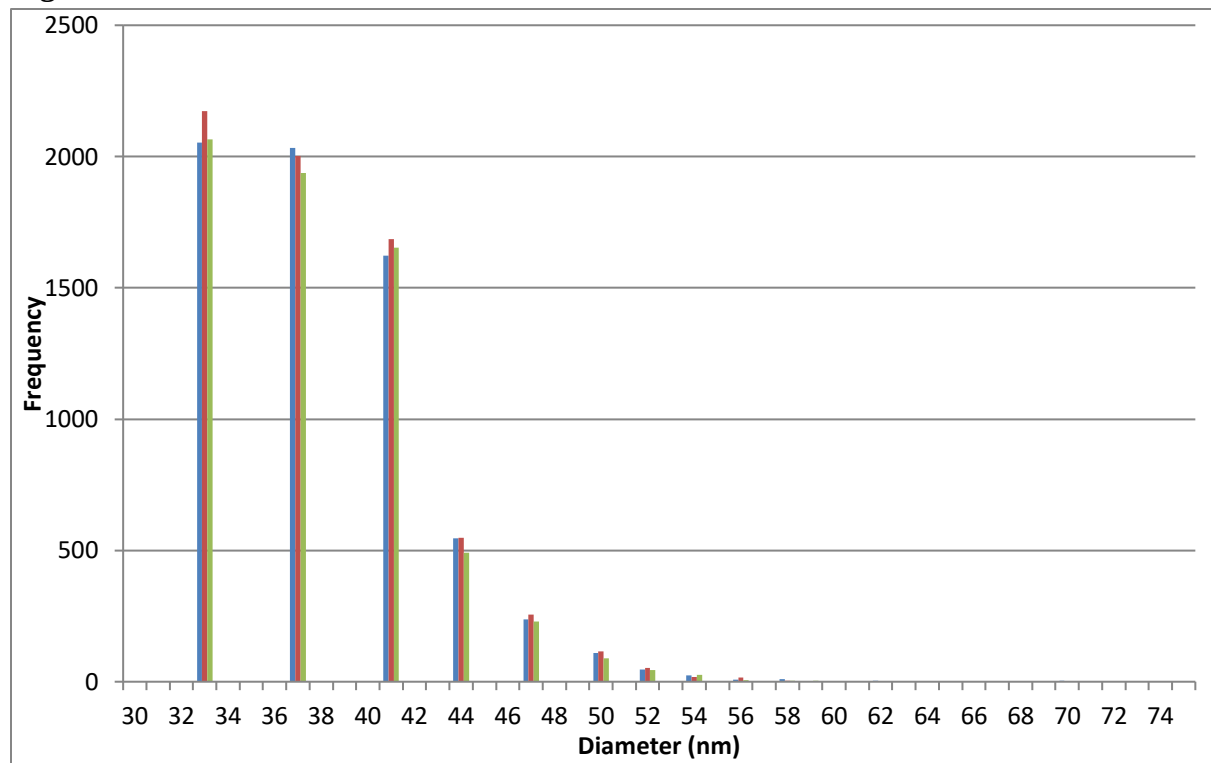
Size histograms for 3 runs of Cucumber Replicate 1 Root Plant 1

Fig. S170.



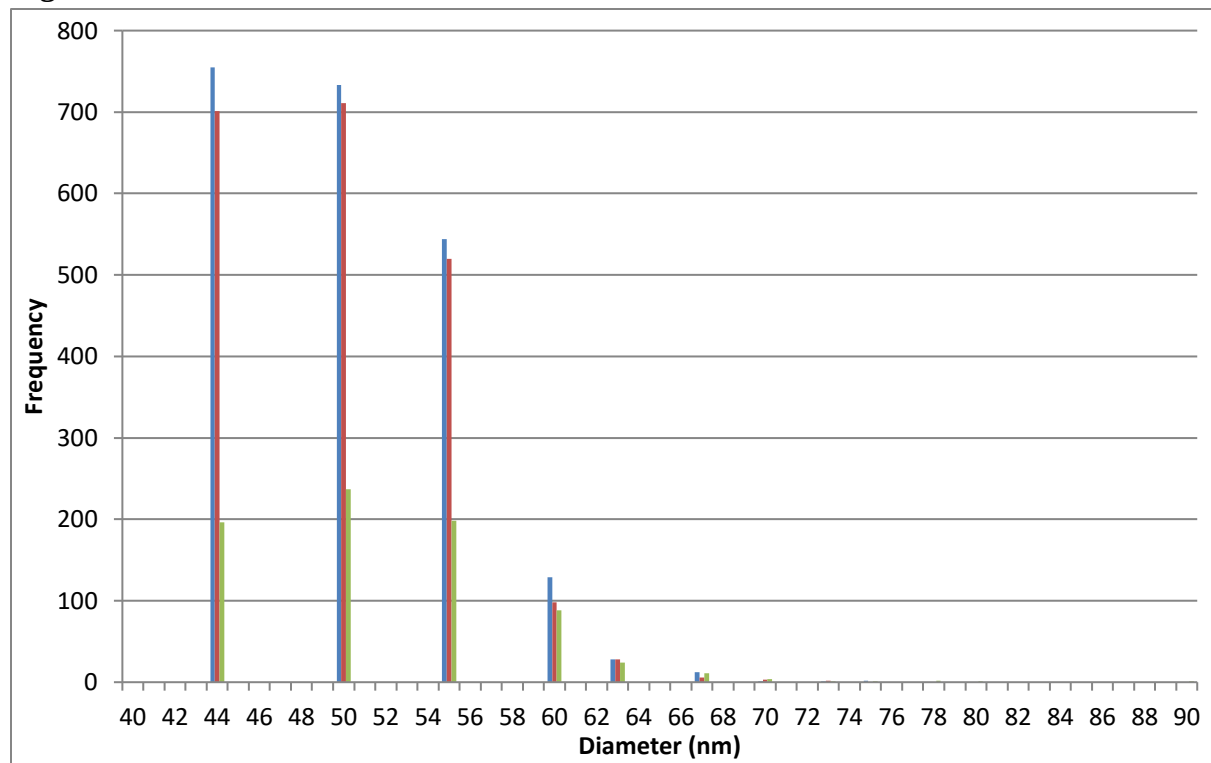
Size histograms for 3 runs of Cucumber Replicate 1 Root Plant 2

Fig. S171.



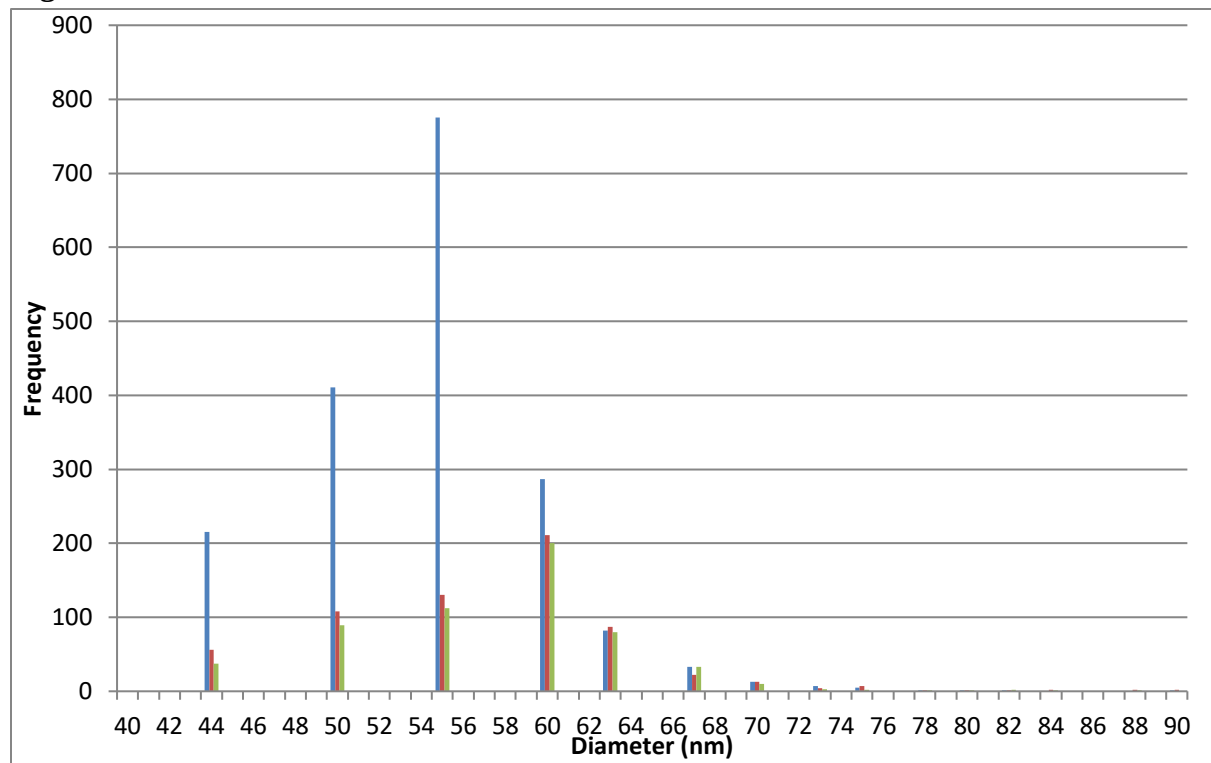
Size histograms for 3 runs of Cucumber Replicate 1 Root Plant 3

Fig. S172.



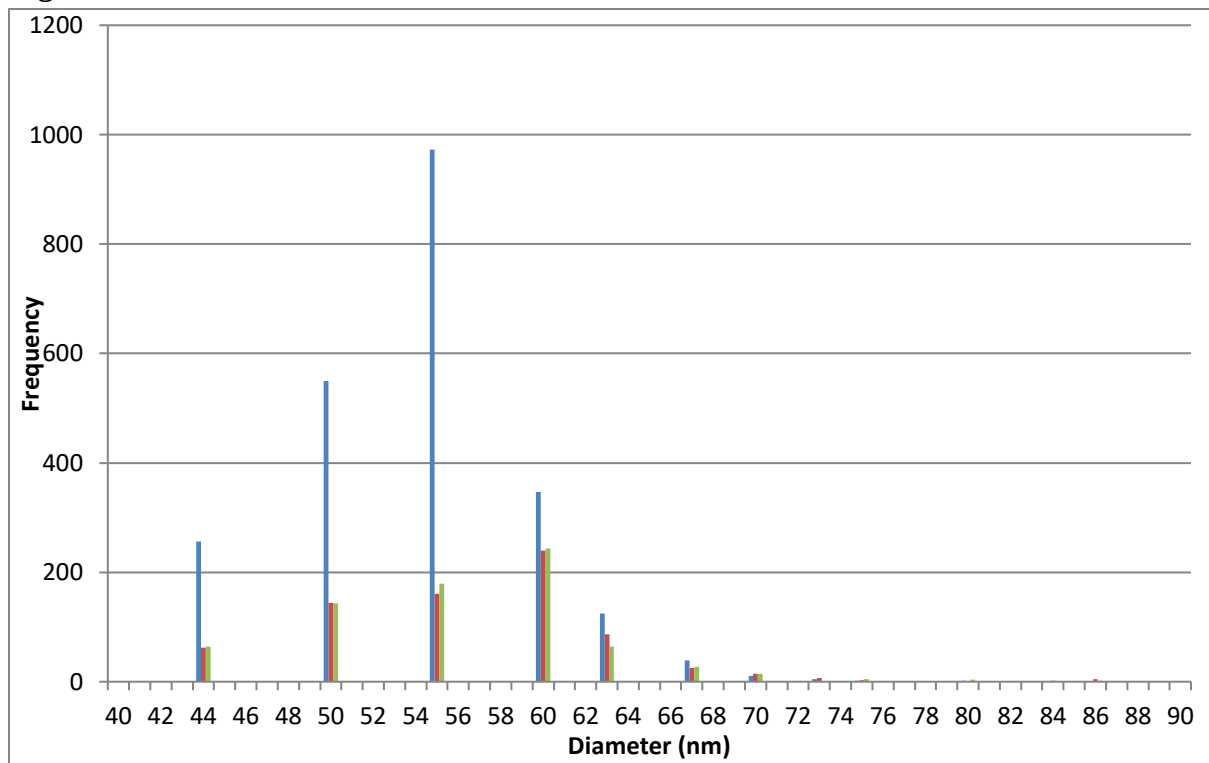
Size histograms for 3 runs of Cucumber Replicate 2 Root Plant 1

Fig. S173.



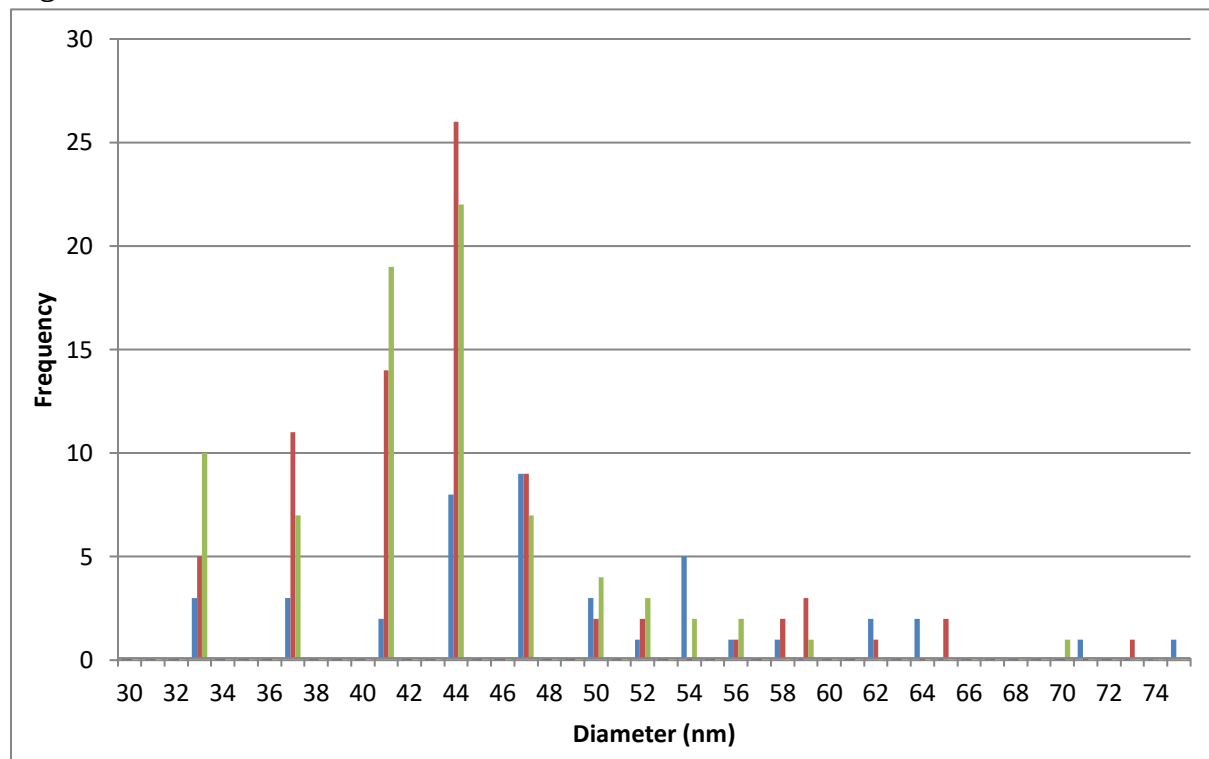
Size histograms for 3 runs of Cucumber Replicate 2 Root Plant 2

Fig. S174.



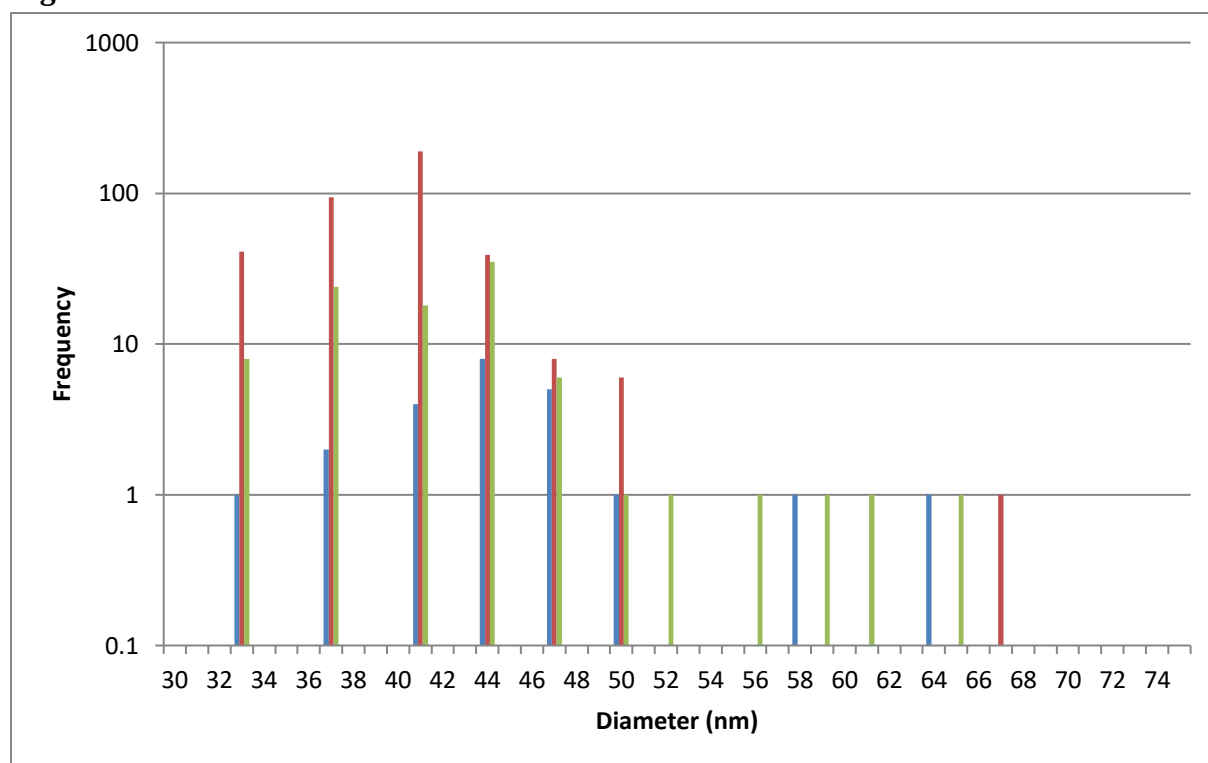
Size histograms for 3 runs of Cucumber Replicate 2 Root Plant 3

Fig. S175.



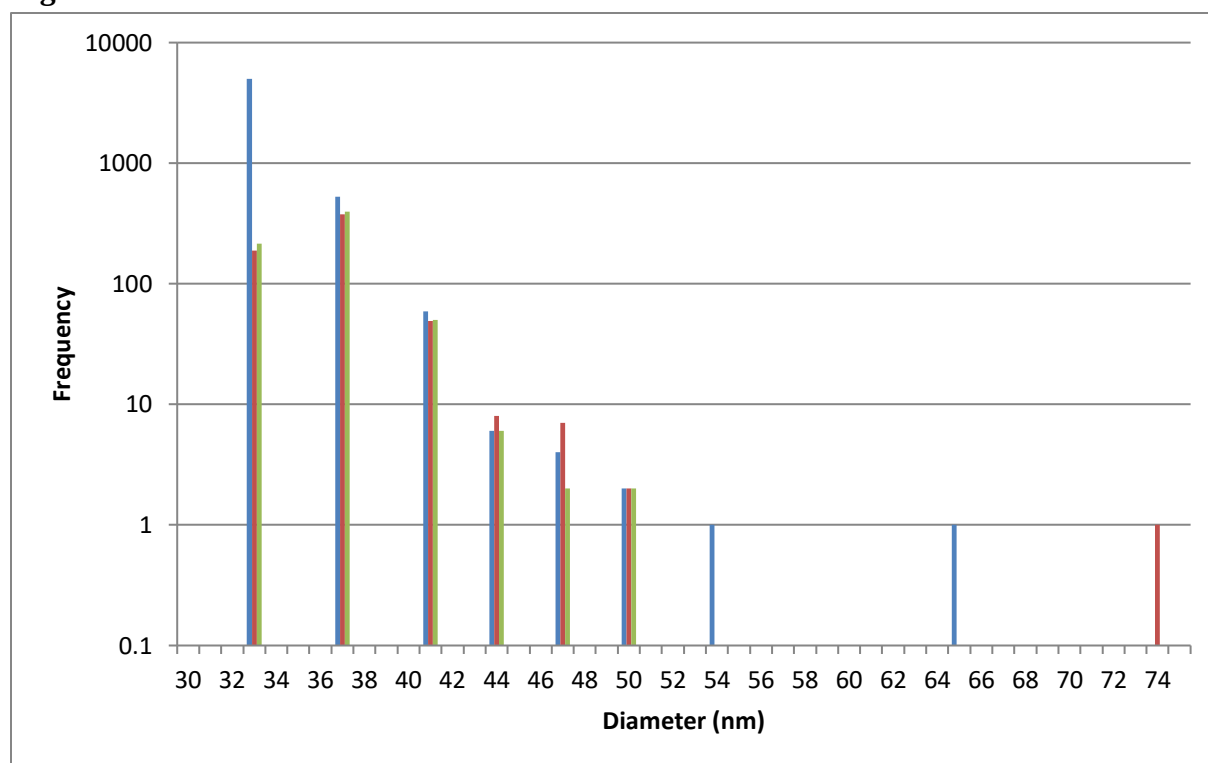
Size histograms for 3 runs of Cucumber Replicate 1 Shoot Plant 1

Fig. S176.



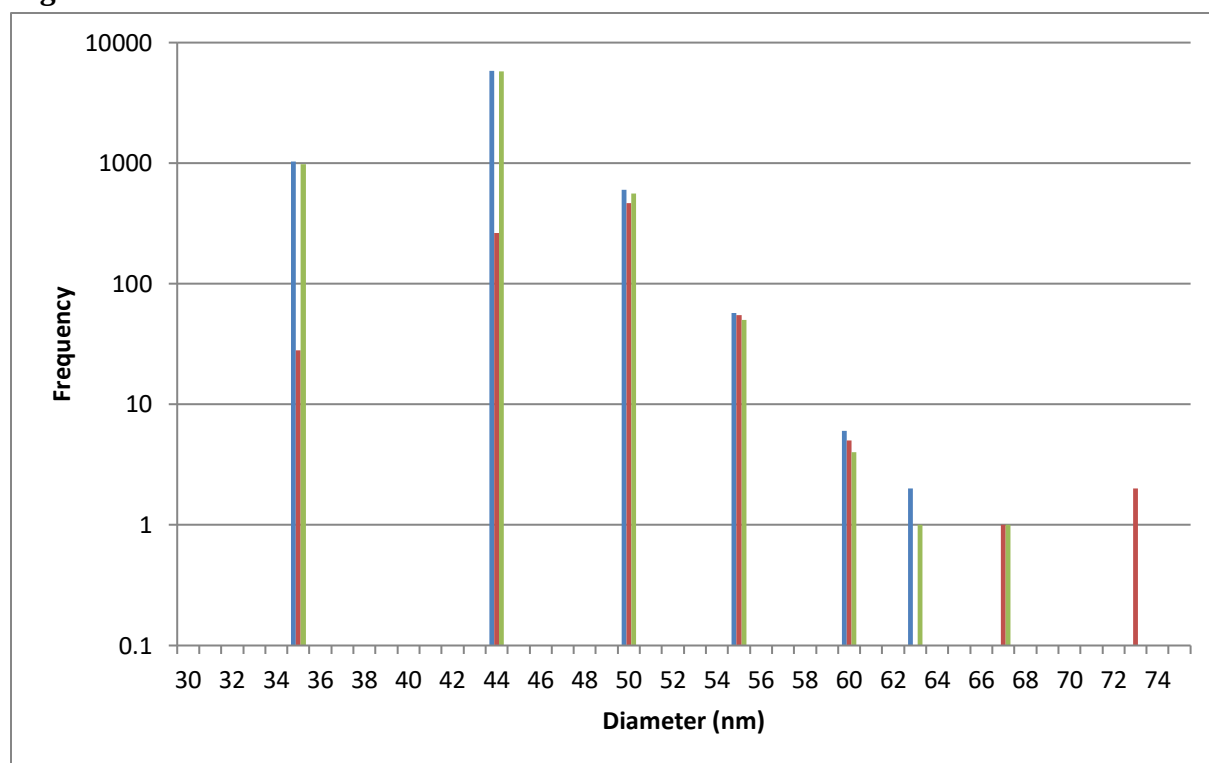
Size histograms for 3 runs of Cucumber Replicate 1 Shoot Plant 2

Fig. S177.



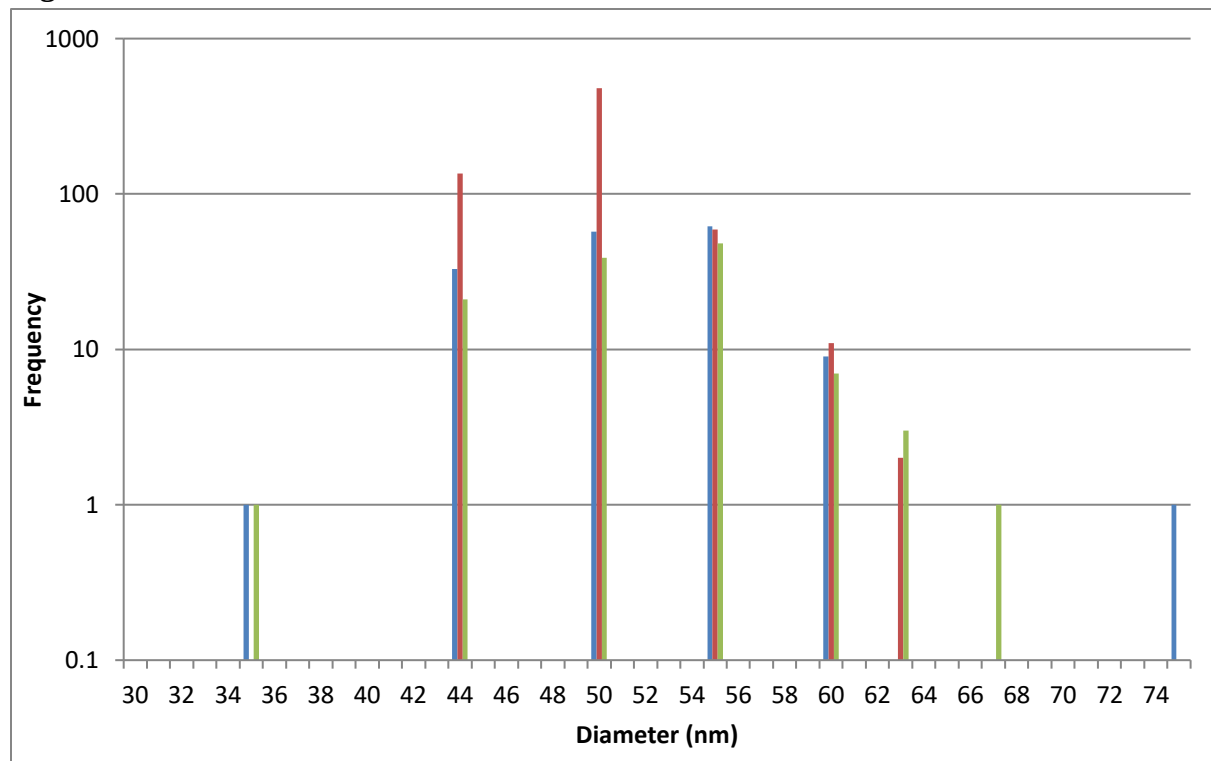
Size histograms for 3 runs of Cucumber Replicate 1 Shoot Plant 3

Fig. S178.



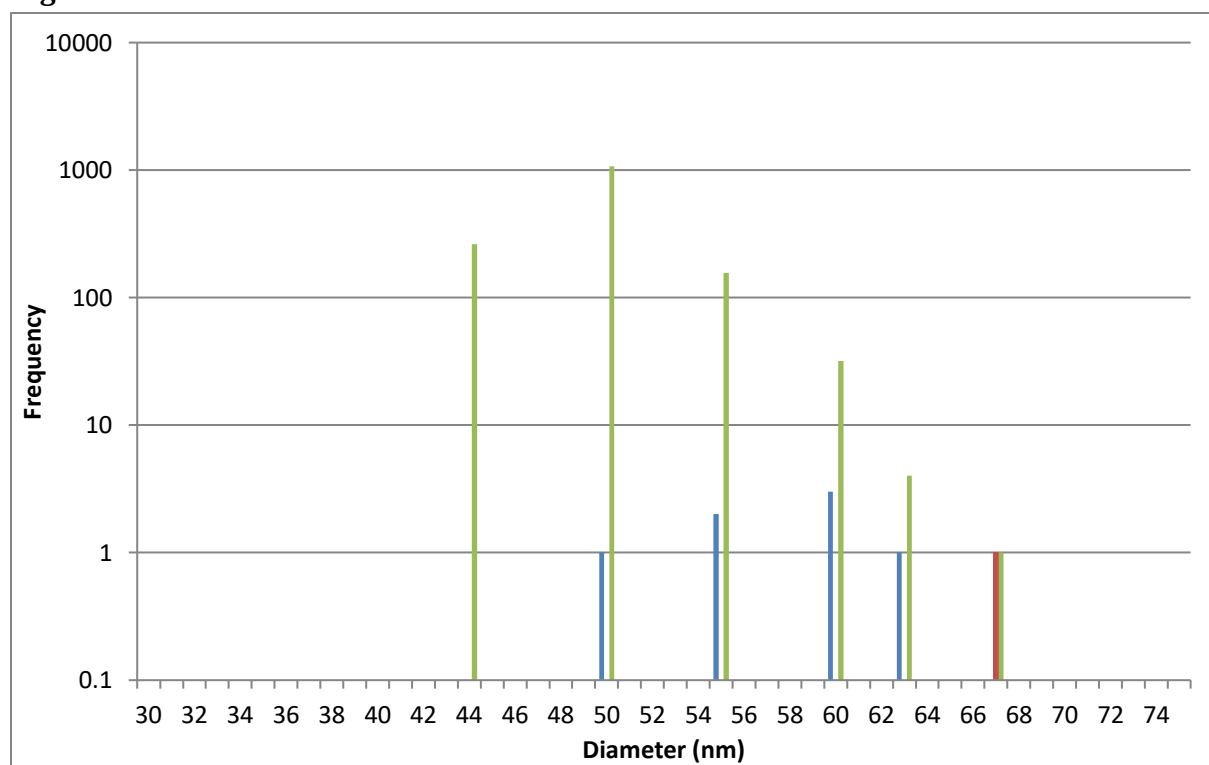
Size histograms for 3 runs of Cucumber Replicate 2 Shoot Plant 1

Fig. S179.



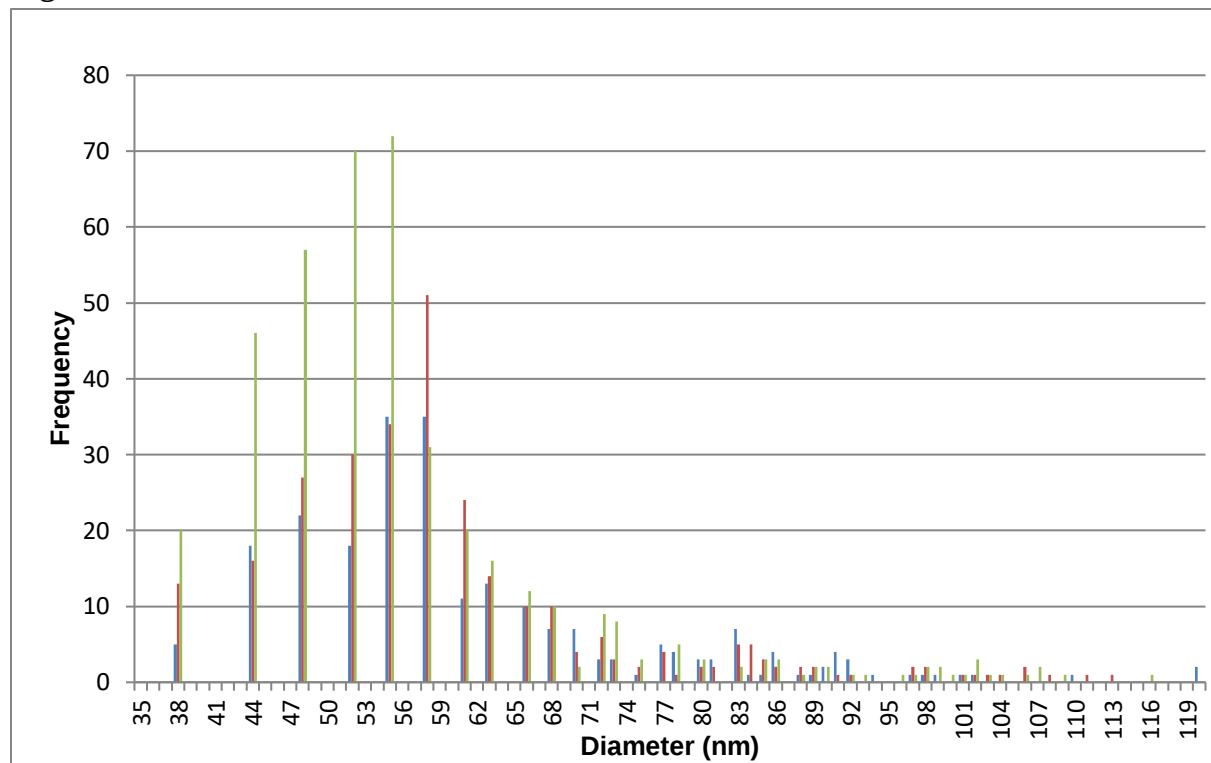
Size histograms for 3 runs of Cucumber Replicate 2 Shoot Plant 2

Fig. S180.



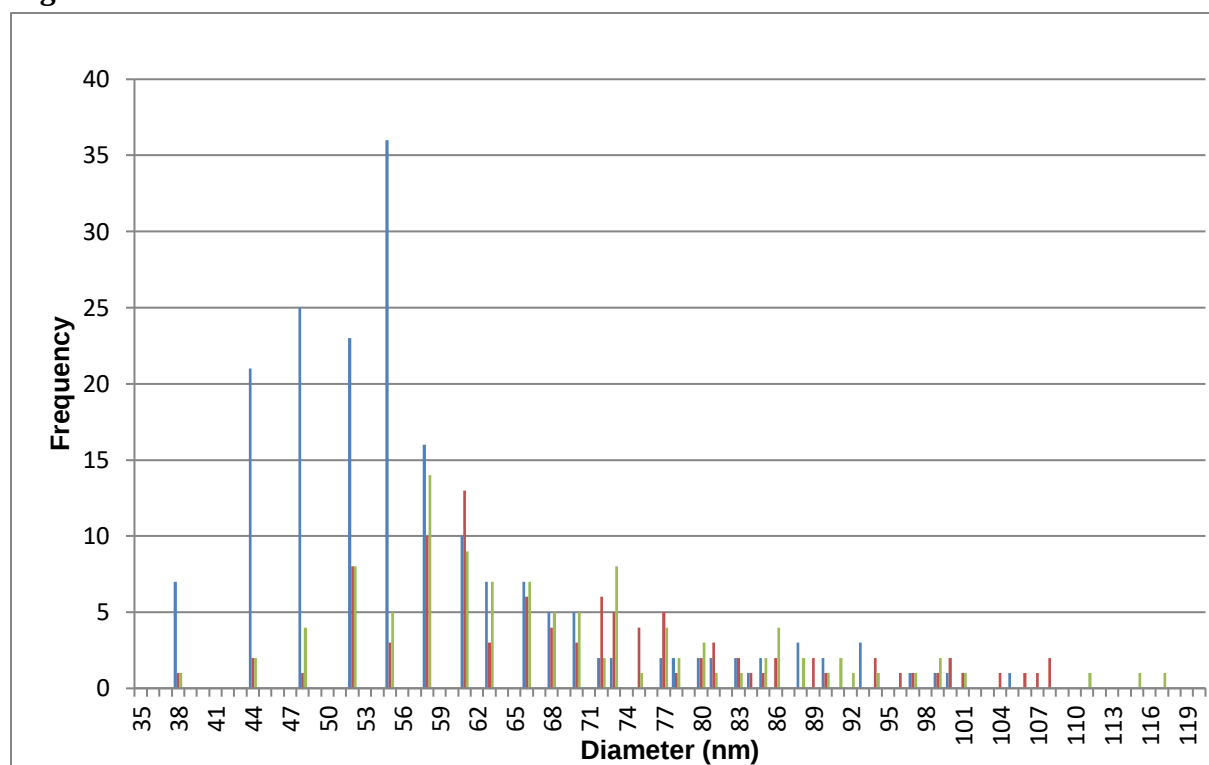
Size histograms for 3 runs of Cucumber Replicate 2 Shoot Plant 3

Fig. S181.



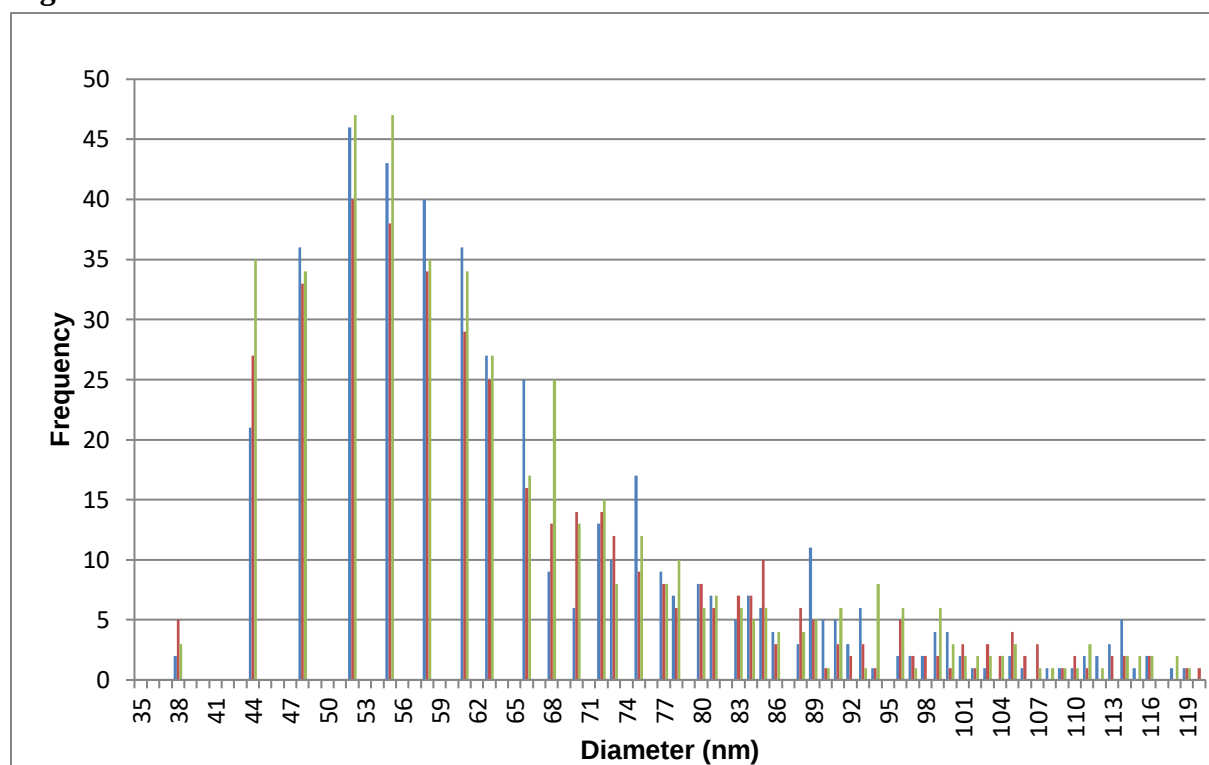
Size histograms for 3 runs of Carrot Replicate 1 Root Plant 1

Fig. S182.



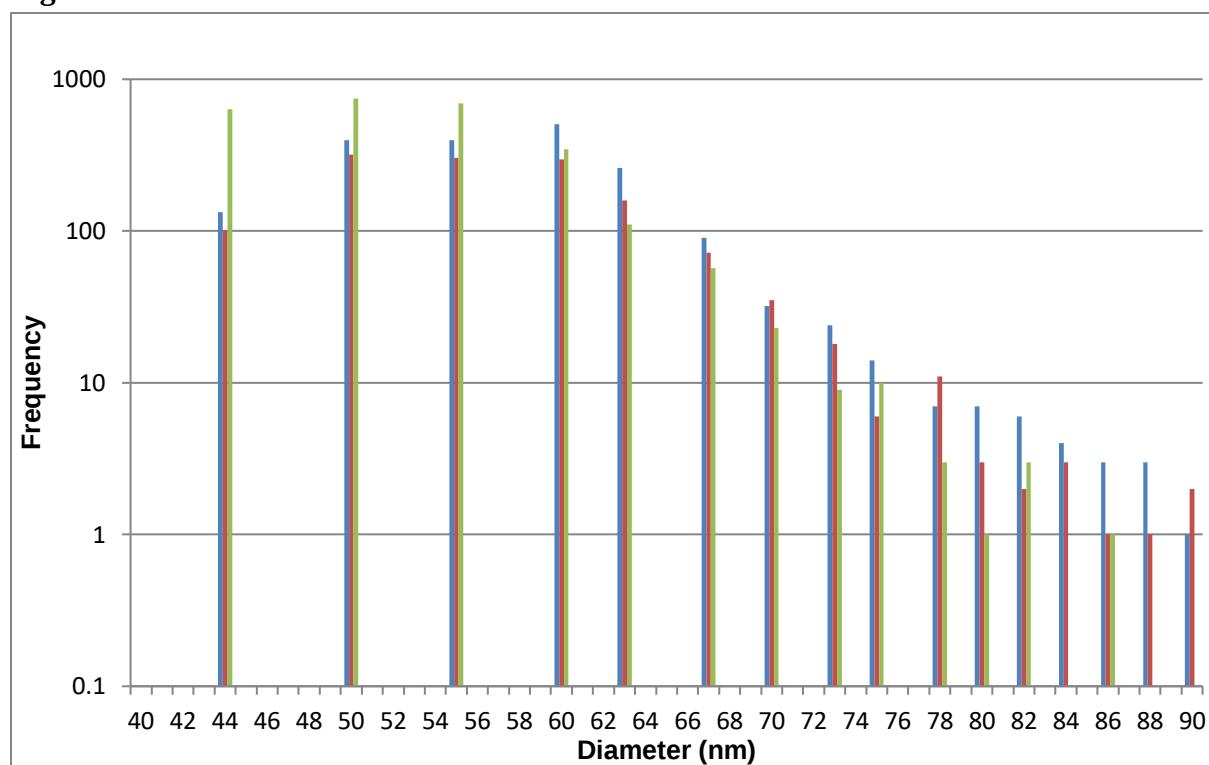
Size histograms for 3 runs of Carrot Replicate 1 Root Plant 2

Fig. S183.



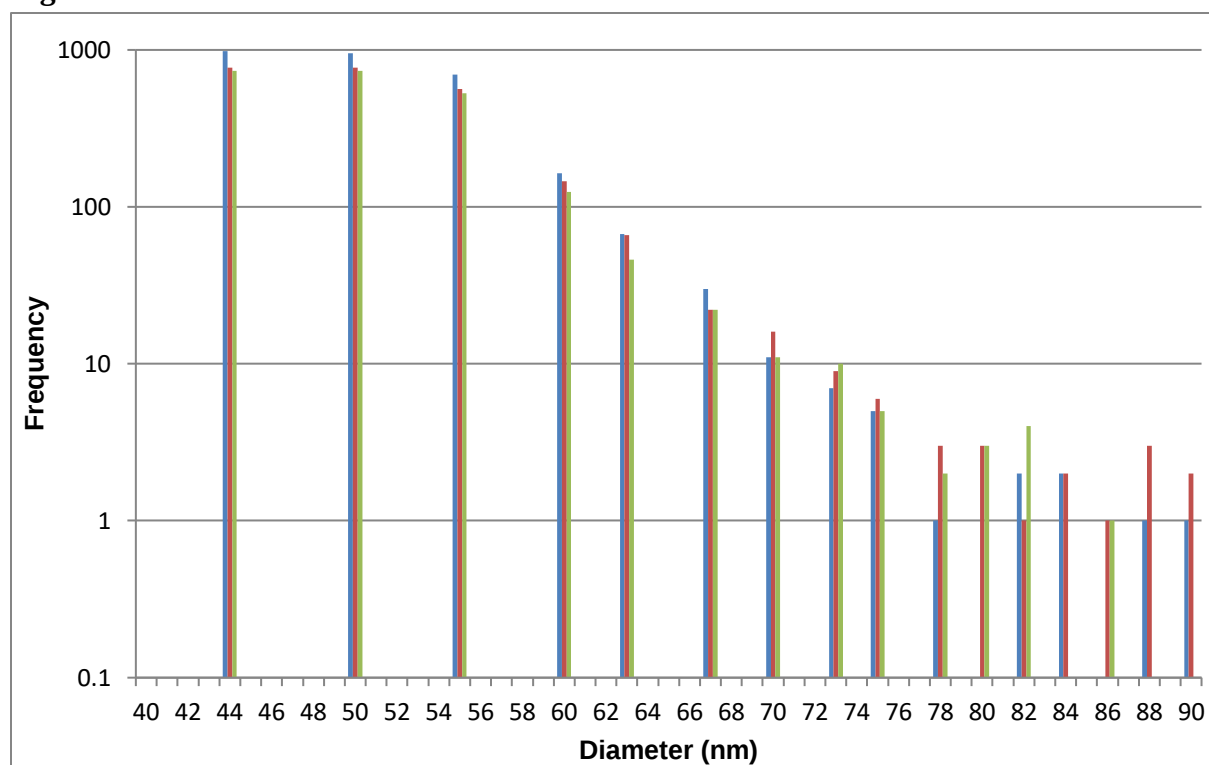
Size histograms for 3 runs of Carrot Replicate 1 Root Plant 3

Fig. S184.



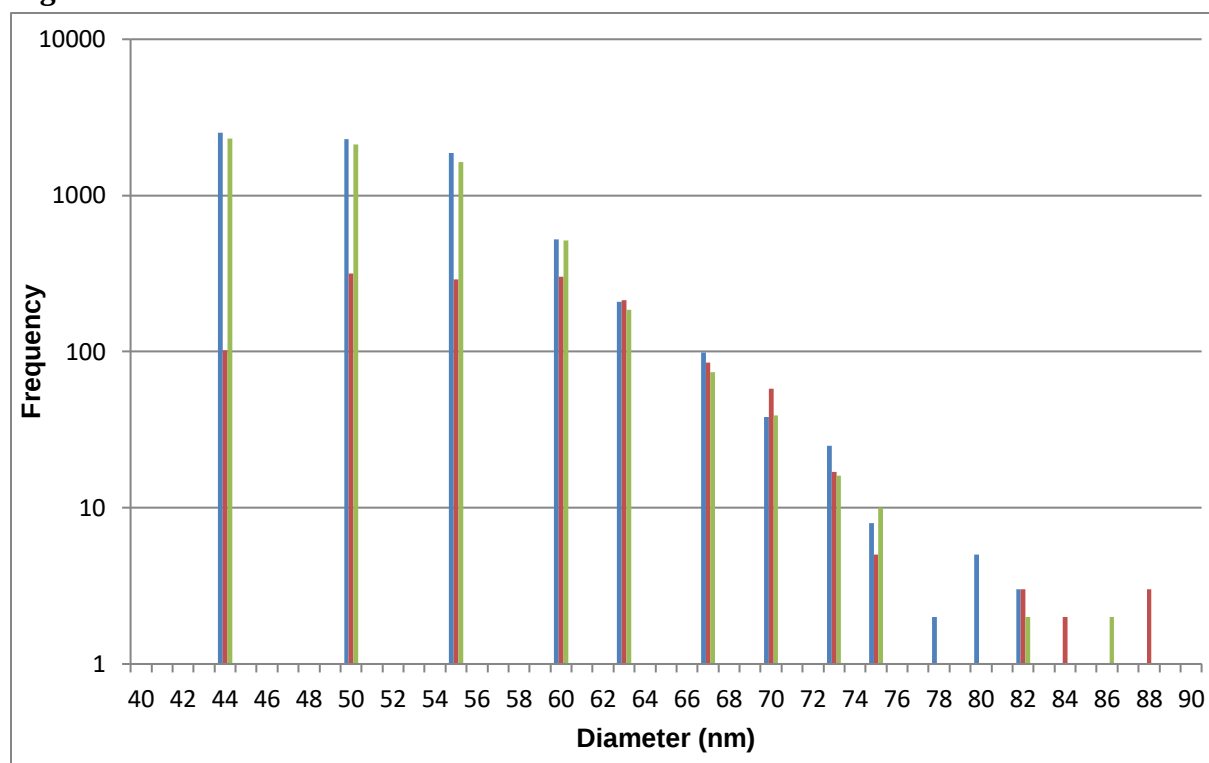
Size histograms for 3 runs of Carrot Replicate 2 Root Plant 1

Fig. S185.



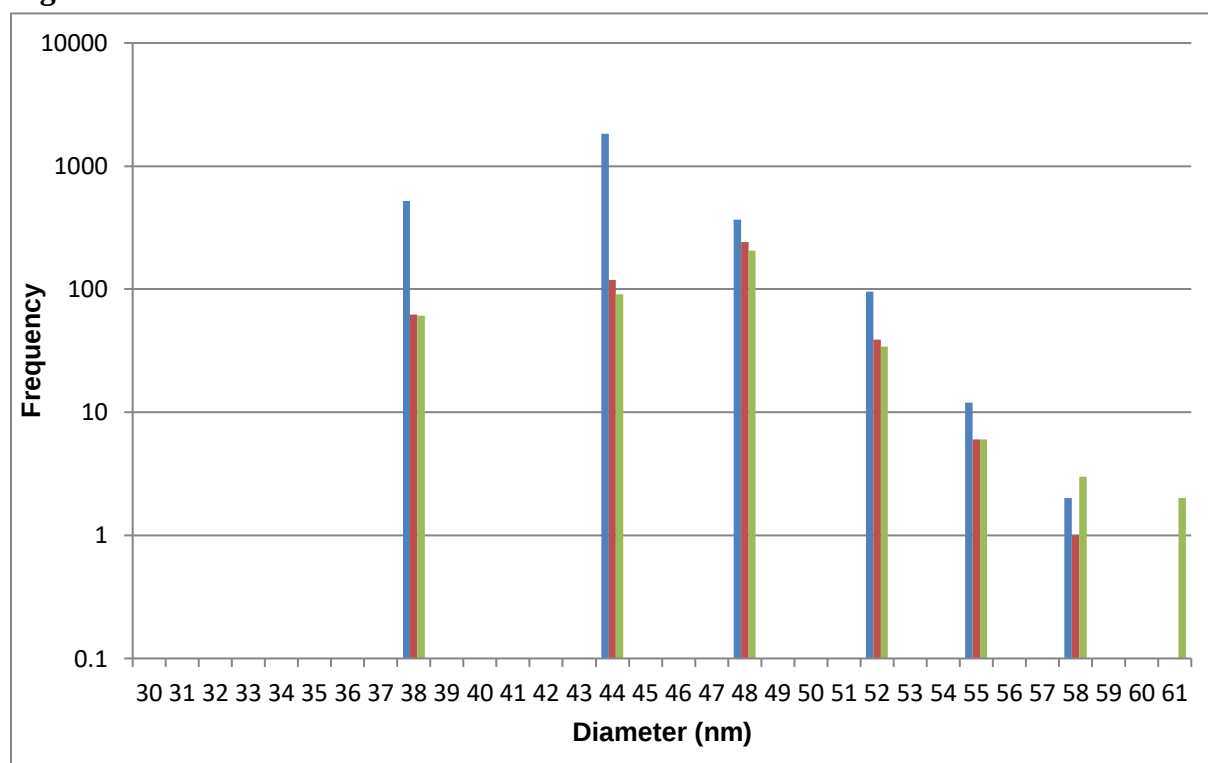
Size histograms for 3 runs of Carrot Replicate 2 Root Plant 2

Fig. S186.



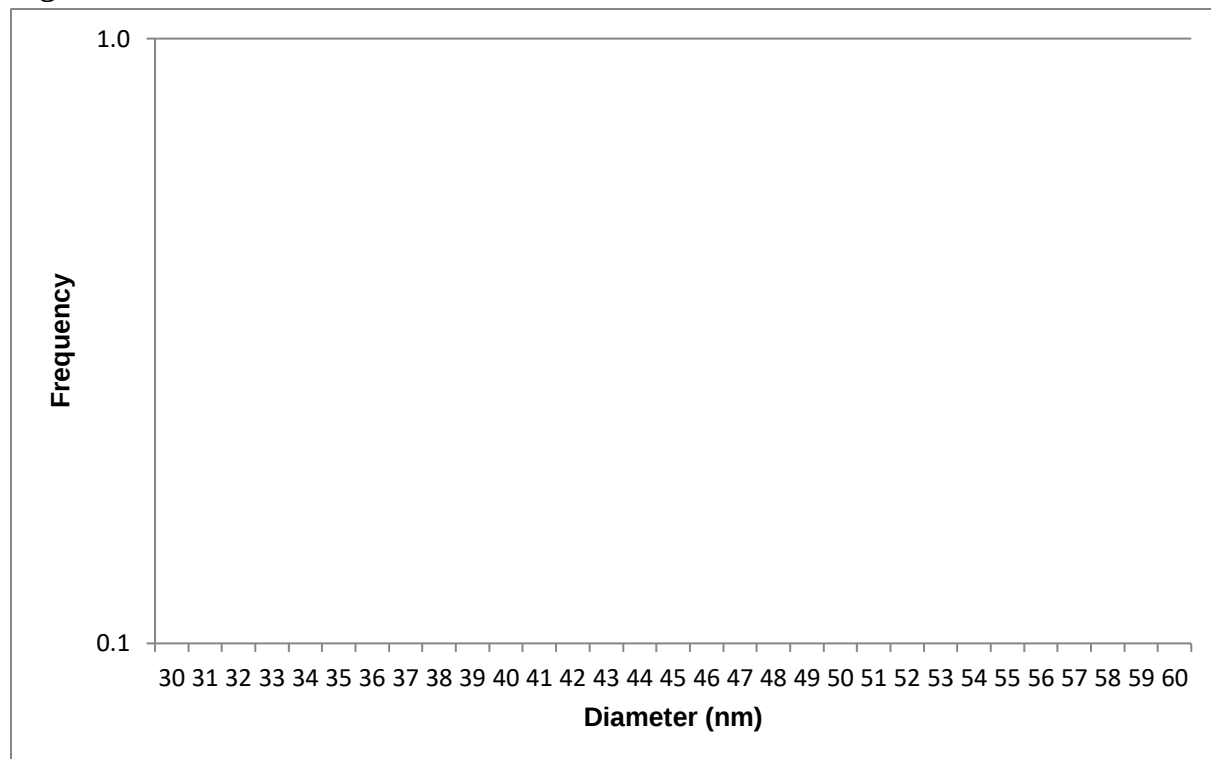
Size histograms for 3 runs of Carrot Replicate 2 Root Plant 3

Fig. S187.



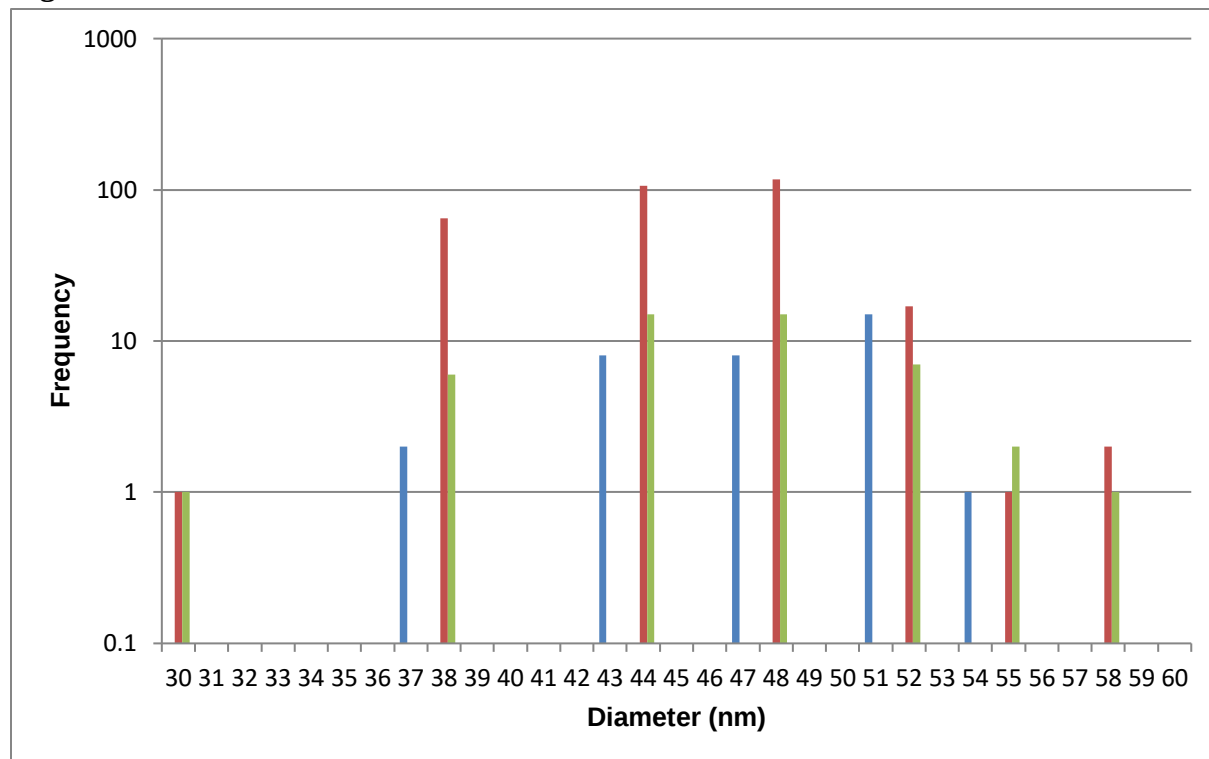
Size histograms for 3 runs of Carrot Replicate 1 Shoot Plant 1

Fig. S188.



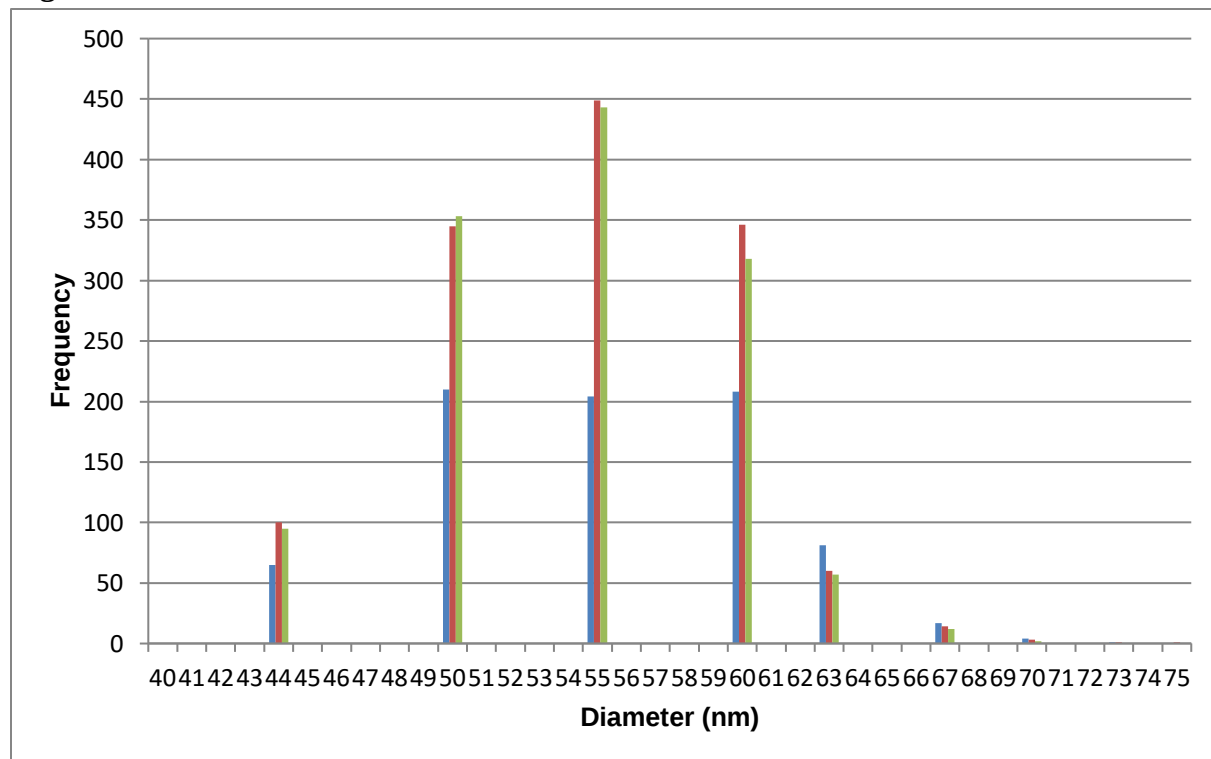
No SeNP were detected in 3 runs of Carrot Replicate 1 Shoot Plant 2

Fig. S189.



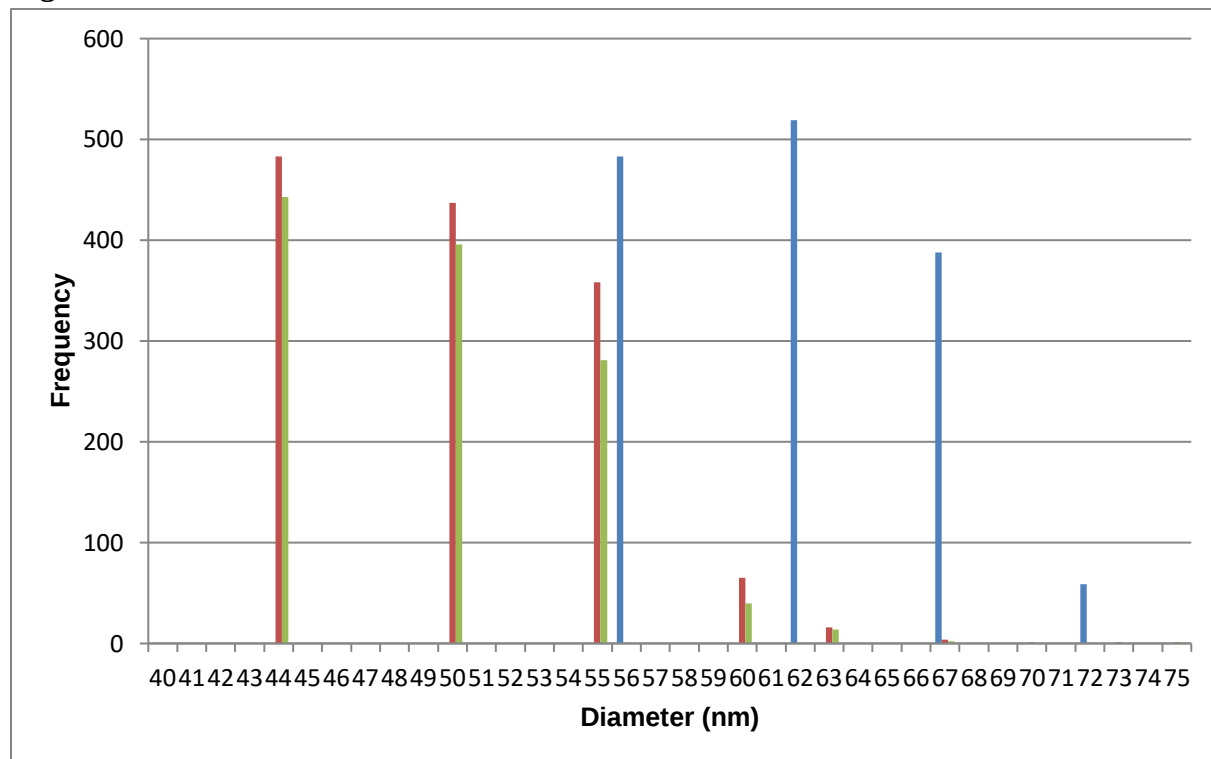
Size histograms for 3 runs of Carrot Replicate 1 Shoot Plant 3

Fig. S190.



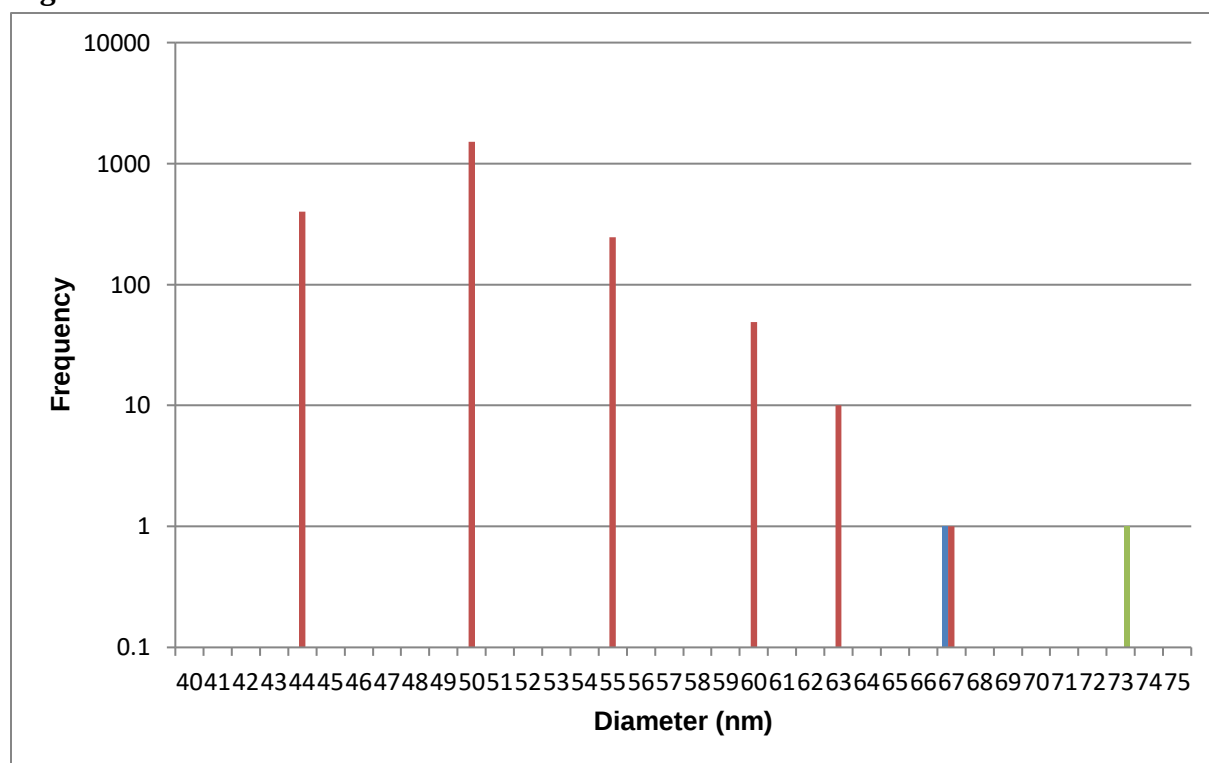
Size histograms for 3 runs of Carrot Replicate 2 Shoot Plant 1

Fig. S191.



Size histograms for 3 runs of Carrot Replicate 2 Shoot Plant 2

Fig. S192.



Size histograms for 3 runs of Carrot Replicate 2 Shoot Plant 3