

Table S1: Total number of filaments detected in 12 micrographs when diluting the original sample Presented graphically in Figure 1c

Repeat	Dilution Factor		
	1x	2x	4x
1	378	163	153
2	571	213	149
3	416	256	106

Table S2: Total number of filaments detected in 12 micrographs after clarifying the original sample Presented graphically in Figure 2a

Repeat	Unclearified	Clarified
1	330	319
2	228	202
3	175	155

Table S3: Total number of filaments detected in 12 micrographs after sonicating the sample Presented graphically in Figure 2c

Repeat	Sonicating time (s)				
	0	5	10	30	60
1	202	199	232	205	232
2	155	191	181	207	220
3	165	216	187	174	170

Table S4: Total number of filaments detected in 12 micrographs after repeatedly pipetting the sample Presented graphically in Figure 2e

Repeat	Pipette actions			
	0	5	10	30
1	202	201	199	176
2	155	195	166	143
3	205	203	178	165

Table S5: Total number of filaments detected in 12 micrographs after vortexing the sample Presented graphically in Figure 2g

Repeat	Vortexing time (s)				
	0	5	10	30	60
1	237	238	216	226	146
2	200	180	155	171	167
3	762	669	780	660	621

Table S6: Total number of filaments detected in 12 micrographs after freeze-thawing the sample Presented graphically in Figure 2i

Repeat	Freeze-thaw cycles				
	0	1	2	3	4
1	658	315	258	98	164
2	325	200	160	75	55
3	303	212	108	115	68

Table S7: Total number of filaments detected in 12 micrographs after incubating the sample at room temperature

Presented graphically in Figure 4a

Repeat	Incubation time (h)					
	0	8	24	48	96	120
1	879	786	906	864	837	609
2	432	519	606	497	433	456
3	885	553	580	523	500	542

Table S8: Total number of filaments detected in 12 micrographs after incubating the sample at 5 °C

Presented graphically in Figure 4a

Repeat	Incubation time (h)					
	0	8	24	48	96	120
1	879	840	636	750	630	621
2	432	471	412	413	388	346
3	885	664	462	546	541	456

Table S9: Total number of filaments detected in 12 micrographs after freeze-thawing the sample in different conditions

Presented graphically in Figure 5b

Repeat	Unfrozen	Freezing condition			
		Standard	Snap	DMSO	Snap+DMSO
1	453	187	306	401	n.d
2	146	101	119	107	n.d.
3	230	120	127	177	n.d.
4	264	201	ve a	280	352
5	325	162	193	381	380
6	65	62	73	84	86

Table S10: Plaque-forming units per ml after incubating the sample at room temperature

Presented graphically in Figure 4e

Repeat	Incubation time (h)					
	0	8	24	48	96	120
1	3200000	2150000	900000	300000	65000	69000
2	5400000	4400000	1700000	950000	2650000	90000
3	2350000	3200000	1650000	900000	700000	305000

Table S11: Plaque-forming units per ml after incubating the sample at 5 °C

Presented graphically in Figure 4e

Repeat	Incubation time (h)					
	0	8	24	48	96	120
1	3200000	2850000	3350000	3050000	350000	550000
2	5400000	3800000	1700000	2850000	3650000	1550000
3	2350000	2800000	1200000	2700000	2300000	2150000

Table S12: Plaque-forming units per ml after freeze-thawing the sample in different conditions  
Presented graphically in Figure 5a

Repeat	Unfrozen	Freezing condition			
		Standard	Snap	DMSO	Snap + DMSO
1	14750	14000	9750	32500	n.d.
2	26500	18750	30250	27250	n.d.
3	72500	60000	40000	70000	72500
4	75000	42500	27000	n.d.	24500
5	16000000	11000000	12500000	15750000	16750000