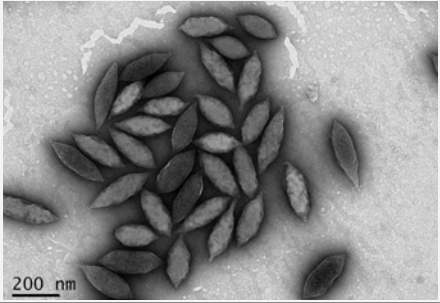
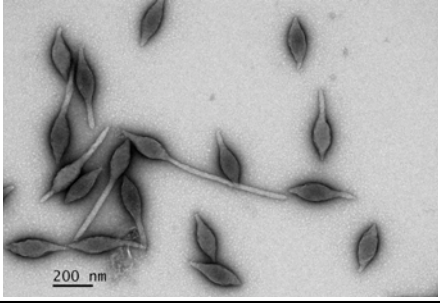
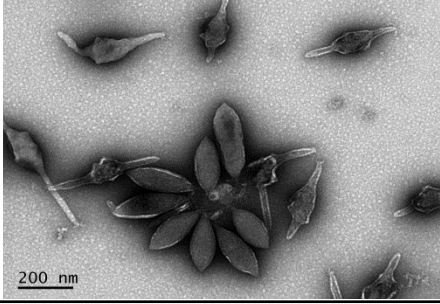
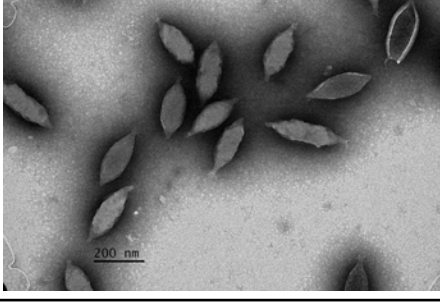
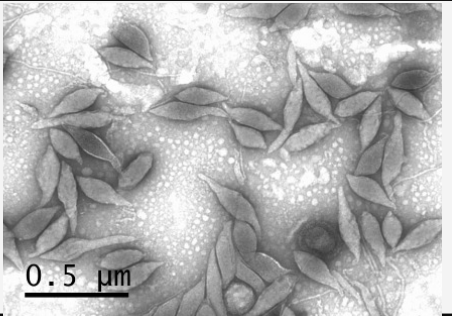
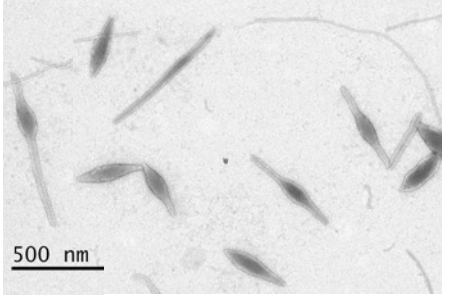
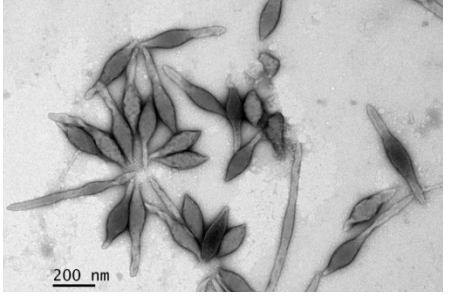

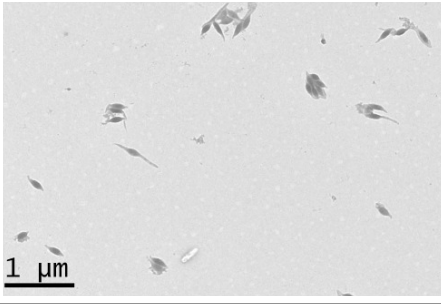
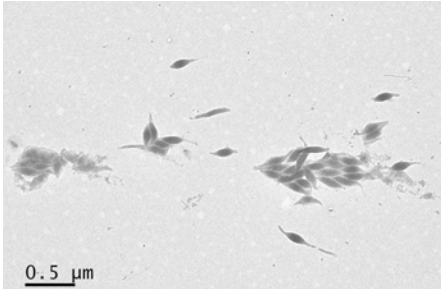


	Treatment / Conditions	PFU/mL	TEM image
Control	10 $\mu$ l virus + 90 $\mu$ l Tris AC buffer Room temp. for 90 min	$3 \times 10^{10}$ $\sim 100\%$	
Bioling	10 $\mu$ l virus + 90 $\mu$ l Tris AC buffer 100 °C for 40 min	$2 \times 10^4$ $< 1$	
Autoclaving	10 $\mu$ l virus + 90 $\mu$ l Tris AC buffer 115 °C for 20 min	$5 \times 10^4$ $< 1\%$	
Freezing	10 $\mu$ l virus + 90 $\mu$ l Tris AC buffer -20°C for 24 h	$3 \times 10^{10}$ $\sim 100\%$	

	Treatment / Conditions	PFU/mL <i>% of control</i>	EM picture
Control	10 $\mu$ l virus + 90 $\mu$ l Tris AC buffer Room temp. for 90 min	$7 \times 10^7$ 100 %	
Proteinase K	10 $\mu$ l virus + 90 $\mu$ l Proteinase K 2 mg/mL 78°C for 90 min	0 ~ 0 %	
UV irradiation	10 $\mu$ l virus + 90 $\mu$ l Tris AC buffer UV irradiation 1 J/cm <sup>2</sup>	0 ~ 0 %	
	10 $\mu$ l virus + 90 $\mu$ l Tris AC buffer UV irradiation 40 mJ/cm <sup>2</sup>	$2 \times 10^6$ ~ 2 %	

	Treatment / Conditions	PFU/mL <i>% of control</i>	EM picture
Triton X-100	10 $\mu$ l virus + 90 $\mu$ l Triton X-100 0.1 % Room temp. for 90 min	$3 \times 10^7$ ~ 42 %	
	10 $\mu$ l virus + 90 $\mu$ l Triton X-100 0.01 % Room temp. for 90 min	$3 \times 10^7$ ~ 44 %	

**Table S1** Summary of the SMV1 stability experiments. Highly purified SMV1 virions were treated with different solvents and detergents, as well as UV conditions. After each treatment, viral infectivity (PFU/mL) was determined by plaque assays and the percentage of still infectious virions was calculated as percentage of the original control (*italic*). The appearance of the virions was assayed by negative-stain transmission electron microscopy (right panel). Note: the second control shows SMV1 virions with tails, this virus preparation was obtained by 48 h incubation to ensure high virus yield, ample time for tail development.