

Table S1. Summary of the probability of significance of a linear model on the temperature dependency of protist size

Parameter	d.f.	<i>F</i>	<i>P</i>	Species	Temperature variable	Viscosity variable	Acclimated
Temperature	1		0.42	<i>Didinium nasutum</i>	Yes	Yes	Yes
Temperature ²	1		0.9				
Error	9						
Temperature	1	0.91	0.36	<i>Didinium nasutum</i>	No	Yes	Yes
Temperature ²	1	0.14	0.71				
Error	15						
Temperature	1	0.0046	0.95	<i>Didinium nasutum</i>	Yes	Yes	No
Temperature ²	1	1.2	0.31				
Error	9						
Temperature	1	0.26	0.62	<i>Didinium nasutum</i>	No	Yes	No
Temperature ²	1	0.2	0.66				
Error	15						
Temperature	1	1.2	0.31	<i>Colpidium striatum</i>	Yes	Yes	Yes
Temperature ²	1	0.49	0.5				
Error	9						
Temperature	1	1.5	0.24	<i>Colpidium striatum</i>	No	Yes	Yes
Temperature ²	1	0.86	0.37				
Error	15						
Temperature	1	0.63	0.81	<i>Colpidium striatum</i>	Yes	Yes	No
Temperature ²	1	4.4	0.064				
Error	9						
Temperature	1	4.6	0.049	<i>Colpidium striatum</i>	No	Yes	No
Temperature ²	1	0.63	0.44				
Error	15						

Model structure and interpretation are detailed in the text.