

## Supplementary Material

### **Sperm macrocephaly syndrome in the ostrich *Struthio camelus*: morphological characteristics and implications for motility**

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**Table S1. Flow cytometry**

<b>INSTRUMENT DETAILS:</b>				
<b>Instrument manufacturer</b>	<b>Beckman Coulter</b>			
<b>Instrument model</b>	<b>Gallios</b>			
<b>Instrument configuration</b>	<b>3 lasers</b>	<b>488 nm</b>		
		<b>635 nm</b>		
		<b>405 nm</b>		
	<b>12 detectors</b>	<b>Forward Scatter (FS)</b>		
		<b>Side Scatter (SS)</b>		
		<b>FL1 (Filter 525/40); Laser 488 nm (22 mW)</b>		
		<b>FL2 (Filter 575/30); Laser 488 nm (22 mW)</b>		
		<b>FL3 (Filter 620/30); Laser 488 nm (22 mW)</b>		
		<b>FL4 (Filter 695/30); Laser 488 nm (22 mW)</b>		
		<b>FL5 (Filter 755 LP); Laser 488 nm (22 mW)</b>		
		<b>FL6 (Filter 660/20); Laser 638 nm (25 mW)</b>		
		<b>FL7 (Filter 725/20); Laser 638 nm (25 mW)</b>		
		<b>FL8 (Filter 755 LP); Laser 638 nm (25 mW)</b>		
		<b>FL9 (Filter 450/40); Laser 405 nm (40 mW)</b>		
	<b>FL10 (Filter 550/40); Laser 405 nm (40 mW)</b>			
<b>Instrument experimental settings (only detectors used listed)</b>	<b>Laser</b>	<b>488 nm</b>		
	<b>Detectors used, voltage settings, gain settings</b>	<b>Detector</b>	<b>Voltage</b>	<b>Gain</b>
		<b>FS Area (Log)</b>	<b>250</b>	<b>1</b>
		<b>FS Width (Log)</b>	<b>250</b>	<b>1</b>
		<b>SS Area (Log)</b>	<b>250</b>	<b>1</b>
		<b>FL3 Area (Lin)</b>	<b>405</b>	<b>1</b>
		<b>FL3 Area (Log)</b>	<b>405</b>	<b>1</b>
	<b>Discriminator</b>	<b>FL3</b>	<b>30</b>	
	<b>Color compensation</b>	<b>No color compensation adjustments</b>		