

Apical sperm hook morphology is linked to sperm swimming performance and sperm aggregation in *Peromyscus* mice

Kristin A. Hook, Lauren M. Wilke and Heidi S. Fisher

Supplementary information

Table S1. Mean (\pm SE) measurements for linear and relative sperm hook morphology traits within six closely related focal species of *Peromyscus* mice

<i>Peromyscus</i> Species	Sperm Trait					
	Linear Measures			Relative Measures		
	Hook Length (μm)	Hook Width (μm)	Hook Area (μm^2)	Relative Hook Length	Relative Hook Width	Relative Hook Area
<i>P. californicus</i>	4.22 \pm 0.05 (3.8%)	0.61 \pm 0.01 (3.9%)	1.46 \pm 0.02 (6.2%)	0.90	0.22	0.12
<i>P. eremicus</i>	4.78 \pm 0.04 (3.9%)	0.71 \pm 0.01 (4.1%)	1.88 \pm 0.03 (6.3%)	0.97	0.22	0.13
<i>P. polionotus</i>	4.23 \pm 0.03 (4.3%)	0.65 \pm 0.01 (4.3%)	1.53 \pm 0.02 (6.7%)	0.93	0.21	0.12
<i>P. maniculatus</i>	4.20 \pm 0.04 (4.5%)	0.67 \pm 0.01 (4.8%)	1.43 \pm 0.02 (7.3%)	0.89	0.21	0.11
<i>P. leucopus</i>	4.07 \pm 0.04 (4.6%)	0.63 \pm 0.01 (5.8%)	1.39 \pm 0.02 (7.9%)	0.89	0.23	0.12
<i>P. gossypinus</i>	4.40 \pm 0.04 (6.0%)	0.64 \pm 0.01 (6.5%)	1.42 \pm 0.03 (8.7%)	0.94	0.23	0.12

Relative hook measures are based on mean head length, head width, and head area, respectively. Coefficients of variation for each linear trait are indicated within parentheses.