

Table S1. Pelvic fin and body kinematic magnitudes during steady swimming

Variable		Left fin	Right fin	<i>P</i> -value (d.f.) left vs right fins
Body excursion (cm)*	Left side	0.23±0.02	–	
	Right side	0.25±0.02	–	
	<i>P</i> -value (d.f.) body side	0.4193 (93)		
Fin area (cm ²)	Maximum	1.21±0.04	1.29±0.06	0.8600 (97)
	Minimum	0.90±0.04	0.98±0.05	0.8677 (91)
	<i>P</i> -value (d.f.) max vs min	0.0001 (88)	0.0001 (100)	
Angle with transverse plane (rad)	Adduction	0.90±0.04	0.91±0.03	0.5747 (101)
	Abduction	0.59±0.04	0.62±0.03	0.7092 (92)
	<i>P</i> -value (d.f.) add vs abd	0.0001 (96)	0.0001 (97)	
Angle with sagittal plane (rad)	Supination	0.20±0.02	0.28±0.03	0.1763 (135)
	Pronation	–0.08±0.02	–0.03±0.02	0.0083 (128)
	<i>P</i> -value (d.f.) pro vs sup	0.0001 (97)	0.0001 (92)	
Fin velocity (3-D, cm s ⁻¹)	Maximum	5.56±0.25	5.53±0.22	0.4634 (207)
	Minimum	2.58±0.11	2.88±0.11	0.9726 (203)
	<i>P</i> -value (d.f.) max vs min	0.0001 (199)	0.0001 (211)	
Body velocity (lateral) (cm s ⁻¹)	Maximum	3.57±0.29	–	–
	Minimum	1.25±0.13	–	–
	<i>P</i> -value (d.f.) max vs min	0.0001 (189)		

Values are averaged between fin beats and individuals and reported in mean ± s.e.m. for each fin. Variables were compared using *t*-tests between fins (final column) and between variable peak values for each fin (third column below values of interest). *P*-values are reported with degrees of freedom [*P*-value (d.f.)].

*Body excursion and velocity were measured at the base of the left fin.