

Table S2. Polar timing of peak pelvic fin and body kinematics during steady swimming

		Left fin (deg.)	Right fin (deg.)	<i>P</i> -value (d.f.) left vs right fins
Body excursion (cm)*	Fin side	37.54±14.66	–	–
	Non-fin side	231.60±13.44	–	–
Fin area (cm <sup>2</sup> )	Maximum	175.61±21.02	189.67±37.80	0.1234 (98)
	Minimum	0.84±19.23	16.46±40.39	0.1050 (91)
Angle with frontal plane (rad)	Adduction	5.71±4.53	11.25±8.67	0.1637 (99)
	Abduction	180.29±3.29	178.84±7.37	0.6952(92)
Angle with the sagittal plane (rad)	Supination	121.70±18.78	116.57±46.95	0.6017 (96)
	Pronation	302.66±16.74	302.16±60.86	0.9660 (89)
Fin velocity (3-D; cm s <sup>-1</sup> )	Maximum	72.72±22.31	74.95±28.99	0.6213 (207)
	Maximum	252.72±22.31	254.95±28.99	–
	Minimum	160.99±22.95	161.66±32.73	0.8436 (203)
	Minimum	340.99±22.95	341.66±32.73	–
Body velocity (cm s <sup>-1</sup> )*	Maximum	133.08±22.42	–	–
	Maximum	313.08±22.42	–	–
	Minimum	38.34±25.81	–	–
	Minimum	218.34±25.81	–	–

All values are reported in degrees as mean ± s.e.m. *P*-values (*P*=0.05) are for standard *t*-tests comparing left and right fin means. d.f., degrees of freedom; for each test, d.f.=*N*-2.

All peak amplitude comparisons for individual variables within fins are significantly different (*P*=0.0001 for each independent contrast).

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