

Table S1. Electrode implantation locations and number of swimming and walking strokes with both kinematic and muscle activity data for each individual. Numbers corresponding to electrode location along the body correspond with locations in Figure 1. R, right; L, left.

Fish ID	# strokes		Electrode Locations	
	Swimming	Walking	Fin	Body
3	6	0		1R,3R,5R,1L,3L,5L
4	5	12		1R,3R,5R,1L,3L,5L
5	5	6		1L,2L,3L,4L,5L
6	7	0	adductor/abductor	1R,3R,5R,1L,3L,5L
9	7	4	adductor	1R,2R,3R,4R,5R
10	5	4	abductor	1L,2L,3L,4L,5L
11	7	6	adductor	1L,2L,3L,4L,5L
12	15	17		3L,1R,3R,5R
13	8	4	abductor	1R,2R,3R,4R,5R

Dataset 1

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