

Supplementary Table S1. Landmarks used in morphometric body shape analysis.

Landmarks	
1	Tip of snout/rostral edge of premaxilla
2	Posterior tip of supraoccipital crest
3	Dorsal insertion of the caudal fin
4	Ventral insertion of the caudal fin
5	Point of maximum curvature on the most ventral branchiostegal ray

Semi-landmarks	
	ventral outline of the head connecting Landmark #1 and #5, n=8
	dorsal outline of the head connecting Landmark #1 and #2, n=8
	dorsal edge of the body connecting Landmark #2 and #3, n=18

Supplementary Table S2. Summary of fish samples used for ELISA.

SS L	Stage	SL (mm)	Age (\pm SD)	n	average weight (g) per fish
4.9	CR	4.9-5.1	12 \pm 2.9	1318	0.000893649
6	aSB	5.9-6.2	13.5 \pm 2.5	654	0.001709021
6.4	DR	6.4-6.6	15 \pm 2.5	403	0.003138213
7.2	PB	7.2-7.5	16 \pm 2.7	294	0.004842177
8.6	PR	8.5-8.7	20 \pm 1.3	149	0.008157047
9.8	SP	9.5-9.6	26.5 \pm 2.1	98	0.013067347
11	J	10.9-11.7	32 \pm 0.5	58	0.022691379