

Supplemental Table 1. Comparison of the stages of *Periophthalmus modestus* in this study with those suggested by Kobayashi et al. (1972).

	Kobayashi et al., 1972		This study	
Rearing condition	▪ Artificial insemination ▪ Incubated at 19-20°C in 50% sea water		▪ Collected naturally fertilized egg ▪ Incubated at 24-26°C in air	
Stage correspondence table	Embryonic stage classification	hours after fertilization	Embryonic stage classification	hours after otic vesicle stage
	Fig. 1L	39-46h	Otic vesicle stage	0h
	Fig. 1M-N	52-63h	Brain vesicle stage	6h
			Heart chamber stage	8.5h
			Circulation stage	11.5h
	Fig. 1O	99h	Eye pigment stage	20h
			Low-pec stage	26h
	Fig. 1P	117-118h	Middle-pec stage	34.5h
			High-pec stage	39.5h
			Long pec stage	44.5h
			Middle-fin fold stage	55.5h
			Long-fin fold stage	60h
	Fig.1Q	170-175h	Hatching stage	78h