

*Parhyale hawaiensis* developmental staging at 28.33 °C (approx. 83 ° F)

h after fertilization	Days after fertilization	Characteristics
0:00		Single cell
4:00		Two cell stage
5:30		4 cell stage
7:00		8 cell stage
9:15		16 cell stage (approx.)
11:00		32 cell stage (approx.)
11:30		64 cell stage (approx.)
12:00	0.5	132 cell stage (approx.)
16:15		Blastodisc starts to form in anterior ventral position on top of yolk
19:37		Blastodisc is formed; cells are large and disc has small gap
20:16		GASTRULATION ONSET – germ cell ingression?
24	1	Gastrulation beginning
36	1.5	Germ disc tightening
43:30	Almost 2	Germ disc tightening
68:00	Almost 3	Morphogenetic movements continue
94:00	Almost 4	Limb buds visible; GC visible at lateral ventral edge
112:45		Embryo curled up into S-shape in egg
120:15	5	Ditto above but tighter S-shape
145:30	6	Antennae visible; embryo comma-shaped
159:30		Thoracic limbs clearly visible
184:15	7.5	Limbs and antennae transparent and clearly visible
207:45	8.5	Eyespot visible
232:00	9.5	Pigmentation visible
254:00	10.5	Hatching

