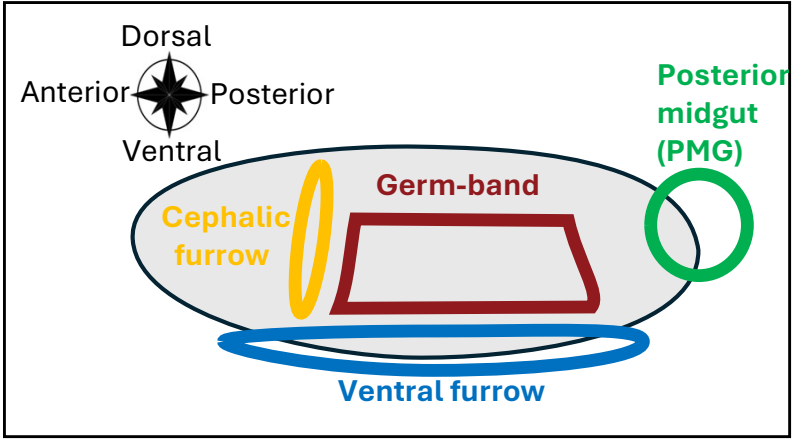


T = -2 min

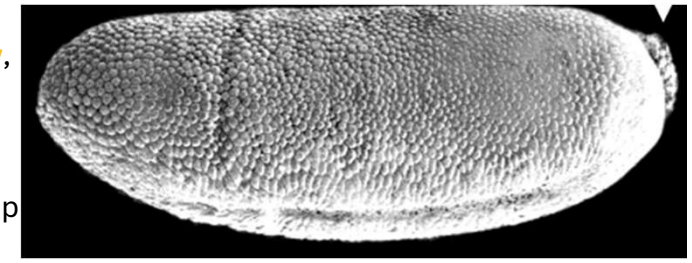
The final round of main cell mitosis

T = 0 min

Three independent invaginations start:

1. Two slanted furrows (symmetrically on the "port" and "starboard" side) form vertically. This will form the **cephalic furrow**, separating the head the body.
2. On the bottom (Ventral) side, a rectangle of cell begins forming the **ventral furrow**
3. A 10-cell radius ring on the back (posterior) tip starts forming the **posterior midgut (PMG)**

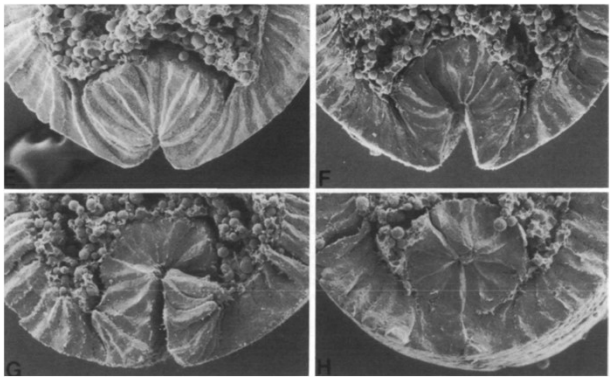
A1a



T = 2 min – 3 min

A1b

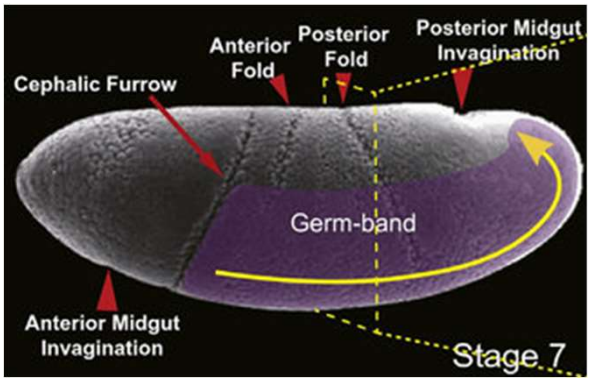
1. The **ventral furrow** closes off completely in the middle, creating a characteristic light-bulb shape.
2. The **germ-band** starts extending



T = 8 min

A2

The **germ-band** has moved the still-closing end of the **ventral furrow** the towards the back (posterior), wrapping around towards the top (dorsal side)



T = 10-12 min

A3

The **ventral furrow** merge with the invaginating **posterior midgut (PMG)**.

T = 15 min

The **germ-band** stops elongating, with the basis for the most vital morphology finished, the cell differentiation begins