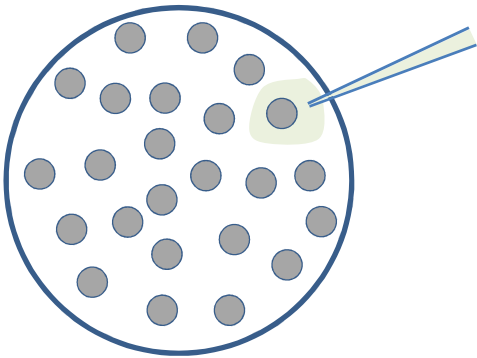


A 32- to 64-cell stage



Microinject mRNA coding for NLS-tdEosFP and biotin-dextran at 32- to 64-cell stage

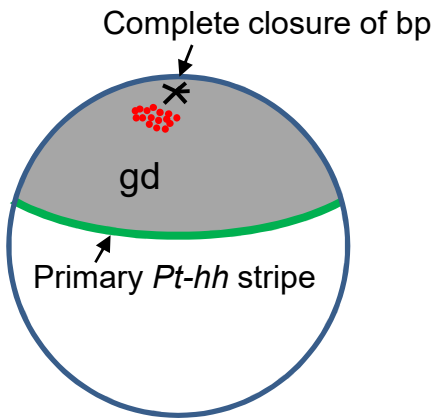
↓

Record the location of labeled cell clones at the beginning of stage 5 and at mid/late stage 5

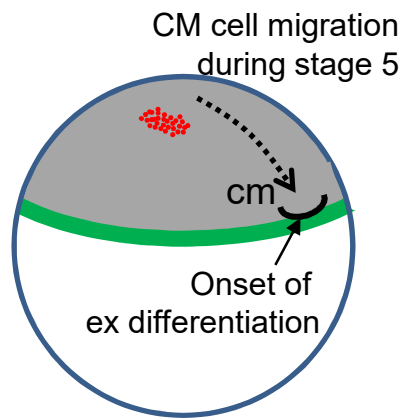
↓ (Time-lapse recording)

Fix the embryos at mid/late stage 7 and stain them for *Pt-hh* transcript, biotin, and DNA

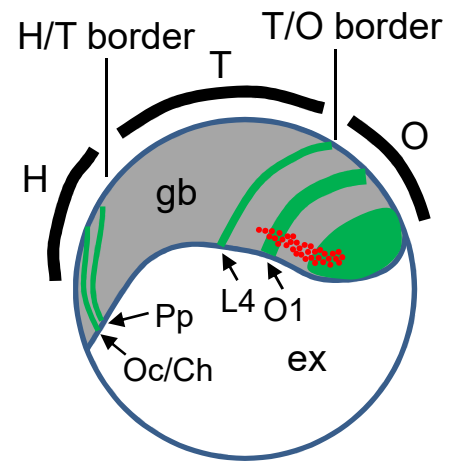
B The beginning of stage 5



C The beginning of stage 6



D Stage 7



E

