

Description of Additional Supplementary Files

File Name: Supplementary Movie 1

Description: This movie shows the transition of a halved embryo from flat to cup to sphere, as observed using light-sheet microscopy. Actin filaments are labeled with Lifeact-mCherry, and nuclei are stained with H2B-Venus.

File Name: Supplementary Movie 2

Description: Reactivation of the canonical Wnt pathway upon sphere formation in halved embryos, visualized by nuclear β -catenin-Venus. Cell membrane labeled with membrane-tagRFP.