**Title:** Supplementary Movie 1.  
**Description:** Continuous Z-stack projections of sebaceous gland organoid stained with phalloidin and DAPI. Note the presence of smaller sebocytes on the outer rim and larger sebocytes towards the inner zone.

**Title:** Supplementary Movie 2.   
**Description:** Live imaging utilizing light sheet fluorescence microscopy of movement kinetics in sebaceous gland organoids. 7-day old organoid derived from Blimp1-YFP-H2B-GFP+ (nuclear labeled) cells are captured over a 24 hour period. Two tracked cells and their progeny (blue and red dots) over time are marked.