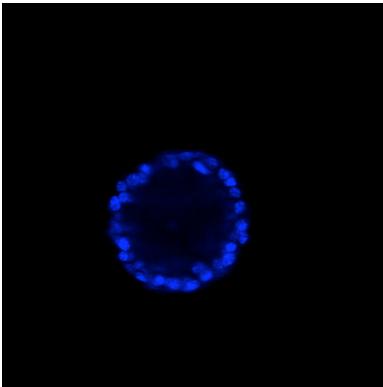


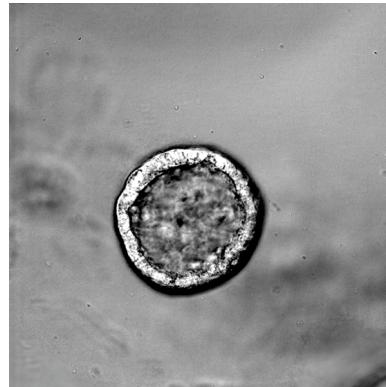
never induced 3.5 weeks

Hoechst 33342

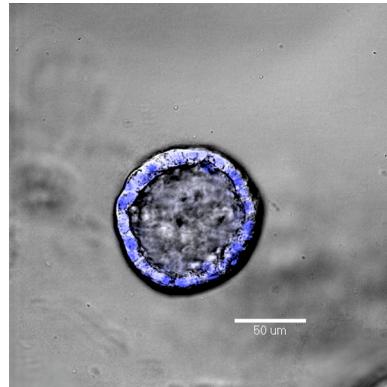
25 $\mu$ m  
from bottom



DIC

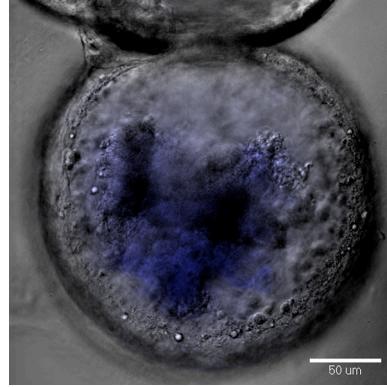
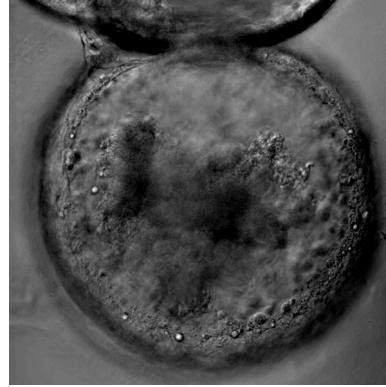
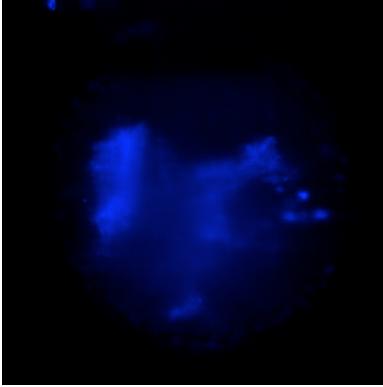


Merge

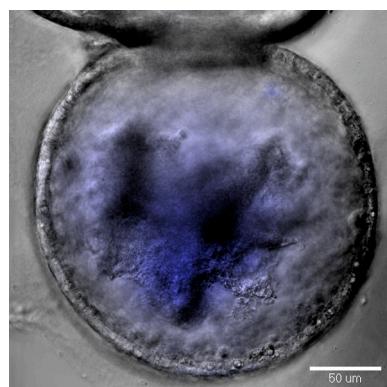
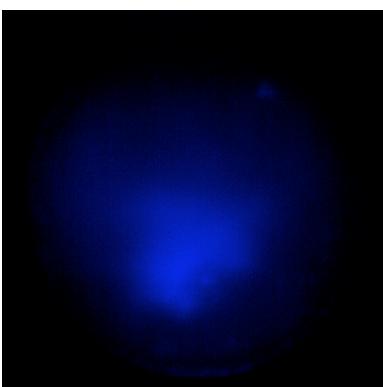


on-dox 7days / off-dox 2 weeks

100 $\mu$ m  
from bottom



200 $\mu$ m  
from bottom



***Supplemental Figure 3 Cells in the surviving spheres retain long term ability to exclude Hoechst dye 33342***

Spheres grown from tri-transgenic primary mammary cells were incubated with Hoechst 33342 for 1h at indicated time points and monitored for exclusion of dye the next day. Confocal microscopy projections (7 $\mu$ m depth, 6 optical sections) for two optical layers are shown; Upper panels: acini never exposed to doxycycline for 25 days retain the Hoechst dye (left panel); Lower panels: cells surviving doxycycline withdrawal (6 days growth in the gel without exposure to doxycycline, treated with doxycycline for 5 days, and subsequently grown for 14 days without doxycycline) are still capable of excluding Hoechst 33342. Scale bar 50  $\mu$ m.