

Supplementary Methods

Mammary glands whole mounts

Inguinal mammary glands number four were dissected and spread onto glass slides. Samples were fixed overnight in acetone and then stained for 24 hours in Modified Harris Hematoxilin. After several washes in 1% HCl/70% ethanol, samples were cleared overnight in xylene and mounted with permount. Samples were examined under a dissecting microscope.

Glycemia monitoring

Animals were monitored and examined twice a week for blood glucose and tumor occurrence. The measurements were made by removing blood from the tail vein and placing one drop on Advantage II® reactive tape. The glycemia level was read using the Glucometer® apparatus. Mice were sacrificed 10 days after tumor occurrence.