

Accepted Manuscript

Loss of PTEN and Activation of Kras Synergistically Induce Formation of Intraductal Papillary Mucinous Neoplasia From Pancreatic Ductal Cells in Mice

Janel L. Kopp, Claire L. Dubois, David F. Schaeffer, Atefeh Samani, Farnaz Taghizadeh, Robert W. Cowan, Andrew D. Rhim, Bangyan L. Stiles, Mark Valasek, Maike Sander

PII: S0016-5085(17)36711-2
DOI: [10.1053/j.gastro.2017.12.007](https://doi.org/10.1053/j.gastro.2017.12.007)
Reference: YGAST 61582

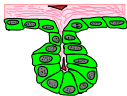
To appear in: *Gastroenterology*
Accepted Date: 14 December 2017

Please cite this article as: Kopp JL, Dubois CL, Schaeffer DF, Samani A, Taghizadeh F, Cowan RW, Rhim AD, Stiles BL, Valasek M, Sander M, Loss of PTEN and Activation of Kras Synergistically Induce Formation of Intraductal Papillary Mucinous Neoplasia From Pancreatic Ductal Cells in Mice, *Gastroenterology* (2018), doi: 10.1053/j.gastro.2017.12.007.

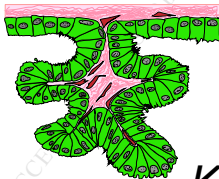
This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Duct



PB-IPMN



PDAC



Pten
loss

Kras^{MUT}

Download English Version:

<https://daneshyari.com/en/article/8726768>

Download Persian Version:

<https://daneshyari.com/article/8726768>

[Daneshyari.com](https://daneshyari.com)