

Online Research @ Cardiff

This is an Open Access document downloaded from ORCA, Cardiff University's institutional repository: <http://orca.cf.ac.uk/103931/>

This is the author's version of a work that was submitted to / accepted for publication.

Citation for final published version:

Jefferies, Matthew T., Cox, Adam C., Shorning, Boris Y., Meniel, Valerie, Griffiths, David, Kynaston, Howard G., Smalley, Matthew J. and Clarke, Alan R. 2017. PTEN loss and activation of K-RAS and β -catenin cooperate to accelerate prostate tumourigenesis. *Journal of Pathology* 243 (4) , pp. 442-456. 10.1002/path.4977 filefilefilefilefile

Publishers page: <http://dx.doi.org/10.1002/path.4977> <<http://dx.doi.org/10.1002/path.4977>>

Please note:

Changes made as a result of publishing processes such as copy-editing, formatting and page numbers may not be reflected in this version. For the definitive version of this publication, please refer to the published source. You are advised to consult the publisher's version if you wish to cite this paper.

This version is being made available in accordance with publisher policies. See <http://orca.cf.ac.uk/policies.html> for usage policies. Copyright and moral rights for publications made available in ORCA are retained by the copyright holders.



Nodal Metastases (n=10 per group)	
Genotype	% nodes with metastatic deposits
WT	0
<i>Pten</i> ^{fl/fl}	0
<i>Catnb</i> ^{+ex3}	0
<i>K-Ras</i> ^{+V12}	0
<i>Catnb</i> ^{+ex3} <i>K-Ras</i> ^{+V12}	0
<i>Pten</i> ^{fl/fl} <i>K-Ras</i> ^{+V12}	60
<i>Catnb</i> ^{+ex3} <i>Pten</i> ^{fl/fl}	10
<i>Catnb</i> ^{+ex3} <i>Pten</i> ^{fl/fl} <i>K-Ras</i> ^{+V12}	0