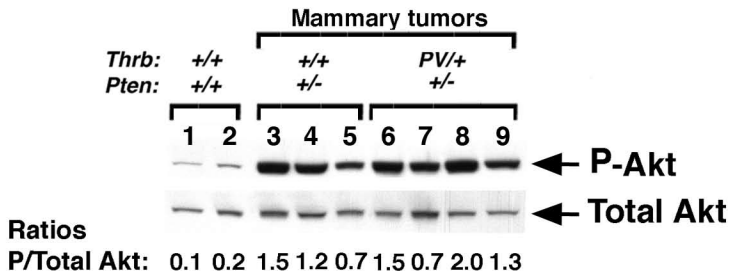


Supplementary Figure A



The PI3K signalling pathway is overactivated in the mammary glands of *Pten*^{-/-} mice but is not further altered by the TRBPV mutation. Mammary gland preparation and Western blots were performed as described in *Methods*. The ratios of phosphorylated to total Akt protein levels are shown in the mammary glands of wild-type *Thrb*^{+/+}*Pten*^{+/+} (n=2), *Thrb*^{+/+}*Pten*^{+/-} (n=2) and *Thrb*^{PV/+}*Pten*^{+/-} mice.