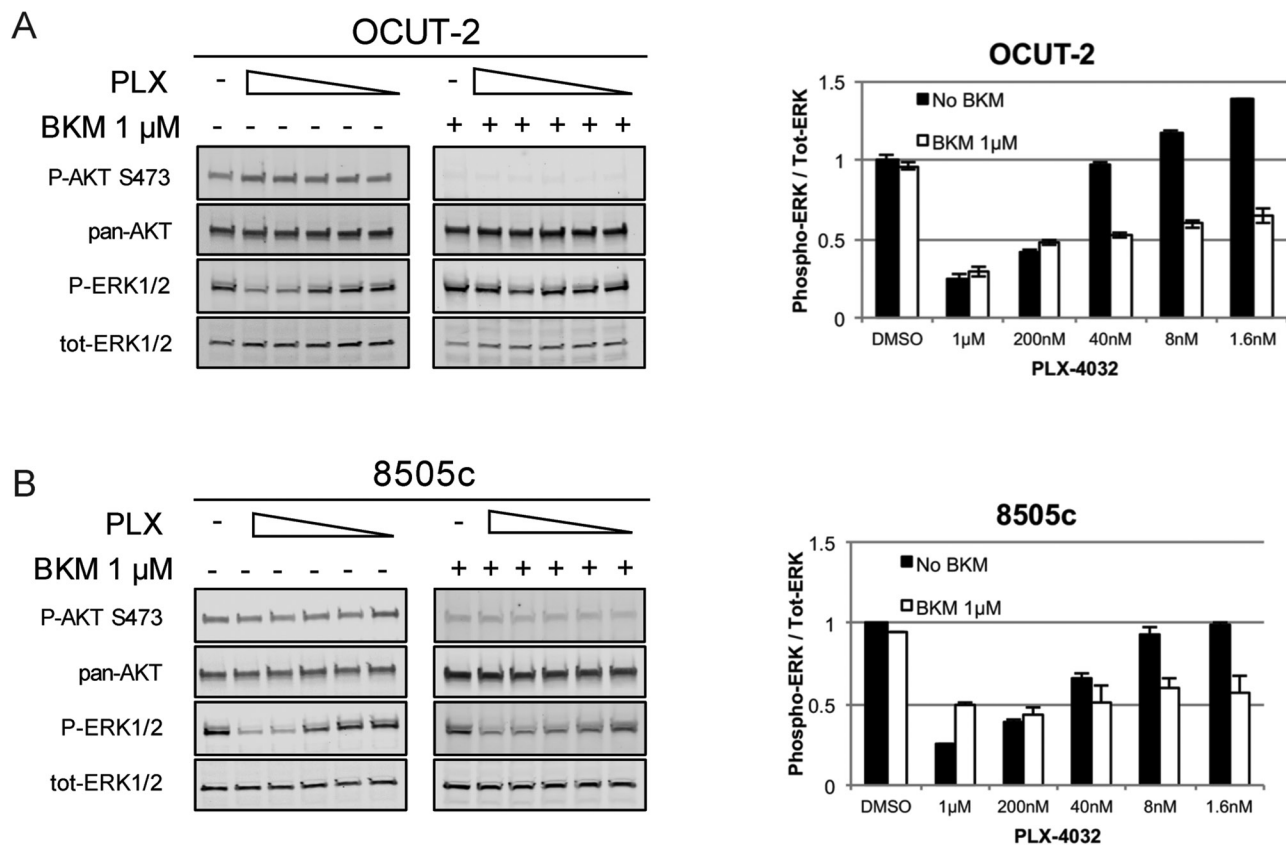


PIK3CA^{H1047R}-induced paradoxical ERK activation results in resistance to BRAF^{V600E} specific inhibitors in BRAF^{V600E} PIK3CA^{H1047R} double mutant thyroid tumors

SUPPLEMENTARY MATERIALS



Supplementary Figure 1: Paradoxical activation of ERK abrogated by BKM-120. Representative western blot from total protein extracted from OCUT-2 (A) and 8505c (B) cells exposed to decreasing concentrations of PLX-4032 (from 1 μ M to 1.6 nM) in presence or absence of BKM-120 at 1 μ M. All experiments were performed in triplicates. The quantifications are expressed as average ratios of the three independent experiments.