

B

BT40 Xenografts

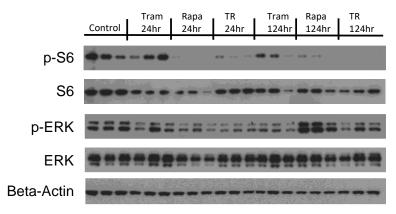


Fig.S3A. **Rapamycin partially re-sensitizes BT-40 cells when TSC2 is suppressed**. BT-40 cells were infected with lentivirus expressing TSC2 shRNA, selected in puromycin, and sensitivity to trametinib with or without rapamycin (100nM) determined by Alamar Blue staining.

$Fig. S3B.\ Both\ rapamycin\ and\ trametinib\ inhibit\ mTORC1\ activity\ in\ BT-40\ xenografts.$

Mice bearing subcutaneous BT-40 xenografts were treated with trametinib (1 mg/kg/day) or rapamycin (5 mg/kg/day). Cohorts of tumors (n=3) were harvested 24 Hr after dose 1, or 4 Hr after daily dose 5. Both rapamycin and trametinib decreased pS6 at 24 Hr and at 124 Hr.