



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.