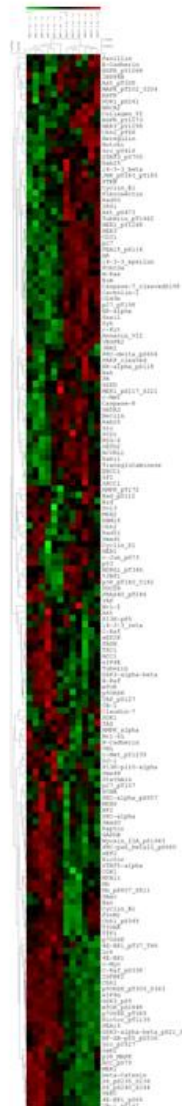


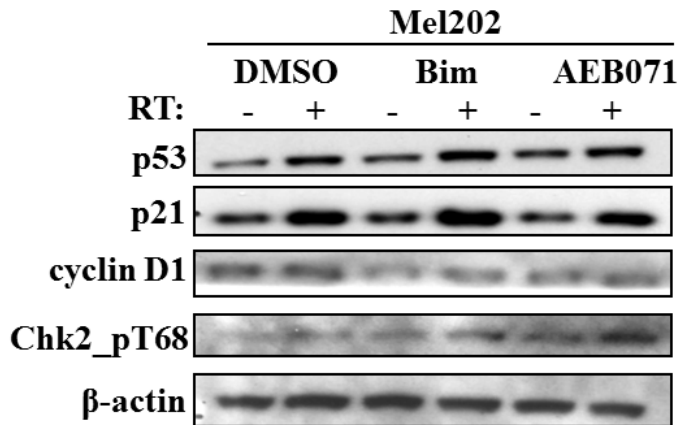
Supplemental figure S1



Supplemental figure S1: Unsupervised hierarchical clustering of RPPA data

GNAQ^{mt} Mel202 cells were treated with DMSO or AEB071 (0.5 μ M) for 3 h followed by 0 or 6 Gy of IR. Cell lysates were collected 18 h after IR, and the expression of proteins were determined by RPPA. Heat map represents z-score transformed normalized expression values for each protein (red, greater; green, lesser). Each treatment was done in triplicate, which corresponds to 3 distinct heat map boxes per treatment condition.

Supplemental figure S2



Supplemental figure S2: Validated protein expression levels of select proteins by immunoblot analysis

GNAQ^{mt} Mel202 cells were treated with DMSO, BIM (1 μ M) or AEB071 (0.5 μ M) for 3 h followed by 0 or 2 Gy of IR. Cell lysates were collected 18 h after IR and expression of proteins was determined by immunoblot analysis.