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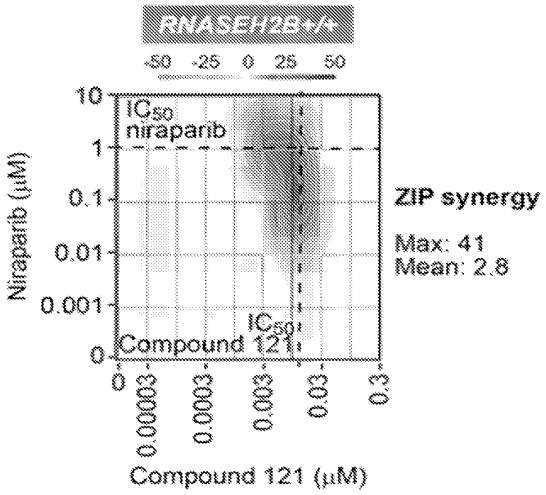
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(54) **Title:** USE OF ATR INHIBITORS IN COMBINATION WITH PARP INHIBITORS

FIG. 1A



(57) **Abstract:** Disclosed are methods of treating a cancer in a subject using an ATR inhibitor and PARP inhibitor, wherein the cancer has been previously identified as a cancer having a loss of function of ATM, BRCA2, RNAse H2A, RNAse H2B, CDK12, or a combination thereof, or as an ALT+ cancer. Also disclosed are methods of inducing cell death in an aberrant cancer cell having a loss of function of ATM, BRCA2, RNAse H2A, RNAse H2B, CDK12, or a combination thereof, or an ALT+ cancer cell, by contacting the cell with an effective amount of an ATR inhibitor and PARP inhibitor.

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