

Supplemental Material to:

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**EGFR tyrosine kinase inhibition induces autophagy in
cancer cells**

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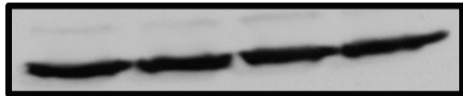
S1**Hela-R30****P-Erk 1/2****Erk 1/2** **β -Tubulin****Erlotinib (10 μ M)****- - + +****Rapamycin (100 nM)****- + - +**

Figure S1. Rapamycin and erlotinib cotreatment of EGFR-TKI cells reduces ERK phosphorylation. HeLa-R30 cells were treated with 10 μ M erlotinib, 100 nM rapamycin or both 10 μ M erlotinib and 100 nM rapamycin for 24 hours. Whole cell lysates were immunoblotted for ERK and phospho-ERK as well as β -tubulin. Both rapamycin alone and erlotinib alone reduced ERK phosphorylation while cotreatment with both rapamycin and erlotinib significantly reduced ERK phosphorylation.