Supplementary Fig. 1. Kaplan-Meier survival curves for 2051 cases from the METABRIC, Nature 2012 & Nat Commun 2016 Breast cancer study were generated using cBioPortal querying with the (a) MAPK signaling-related genes (267 Gene Set) and (b) endocytosis-related genes (181 GeneSet).

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Supplementary Fig. 2. Kaplan-Meier survival curves for 1918 cases from the MSK, Cancer Cell 2018 Breast cancer study were generated using cBioPortal querying with the (a) MAPK signaling-related genes (267 Gene Set) and (b) endocytosis-related genes (181 GeneSet).

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Supplementary Fig. 3. Kaplan-Meier survival curves of patients with mutations in (a) pathways in cancer- (b) neutrophin signaling- (c) apoptosis- (d) focal adhesion- (e) cell cycle- (f) p53 signaling- (g) chemokine signaling- (h) regulation of actin cytoskeleton- (i) mTOR/ VEGF/ErbB signaling- (j) adherens junction- (k) ECM-receptor interaction- related genes.

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