Supplemental Figure Legends

Supplemental Figure 1. Analysis of additional clinical microarray datasets.
(A) cDNA microarray analysis of RET/PTC kinase mRNA expression in ER-positive and ER-negative cell lines in a dataset comprised of 51 breast cancer cell lines reported by Neve et al.
(B) The correlation between RET/PTC kinase expression and ER expression in breast tumor tissue specimens from the IGC and Veridex datasets.

Supplemental Figure 2. Effect of estrogen upregulation and siRNA knockdown of RET/PTC kinase expression on T47D breast cancer cell proliferation. (A) Upper Panel: T47D cell proliferation as examined by MTS assay. Lower Panel: verification of RET/PTC kinase knockdown by qRT-PCR. (B) Upper Panel: T47D cell proliferation as examined by soft agar colony formation assay. Bar: 200μm. Lower Panel: A depiction of the colony counts.
Supplemental Figure 1

(A)

P<0.0001

(B)

IGC

r=0.3677, P<0.0001

Veridex

r=0.3532, P<0.0001
Supplemental Figure 2

(A) T47D

(B) siLuc, V  siLuc, E  siRET/PTC, V  siRET/PTC, E

Normalized RET/PTC kinase mRNA Expression