

SUPPLEMENTARY FIGURES

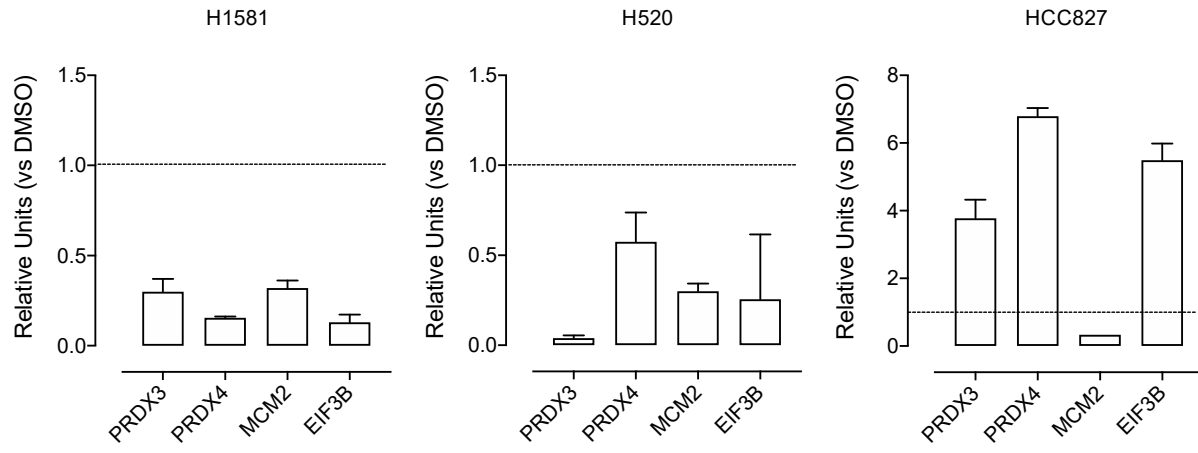


Fig. S1: RT-qPCR analysis of representative c-Myc target genes (as reported by Gene Set Enrichment Analysis [22]) in cells treated with 6 μ M NSC12 for 24 hours. Dashed line indicates the vehicle/DMSO-treated cells. Data are mean $\pm$ SD.

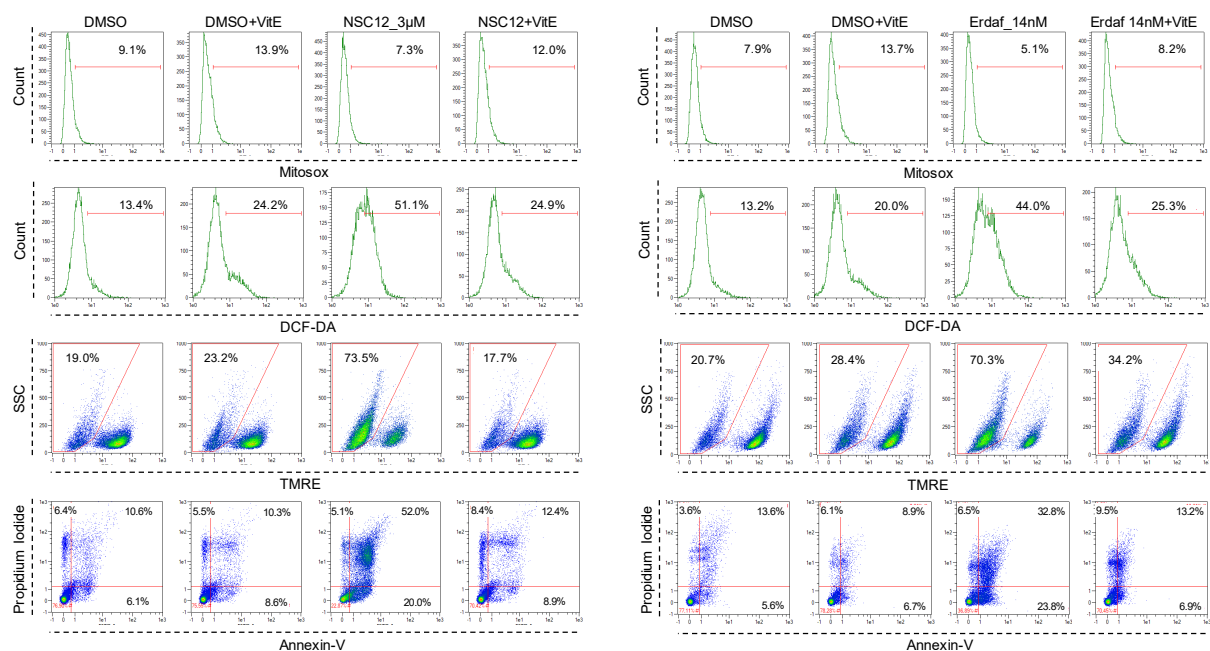


Fig. S2: Representative histograms (Mitoxox and DCF-DA assays) and dot plots (TMRE and Apoptosis assays) from cytofluorimetric analysis of H1581 cells treated for 48 hours with 3.0 μ M NSC12 or 14 nM Erdafitinib in presence or absence of 220 mM Vitamin E.

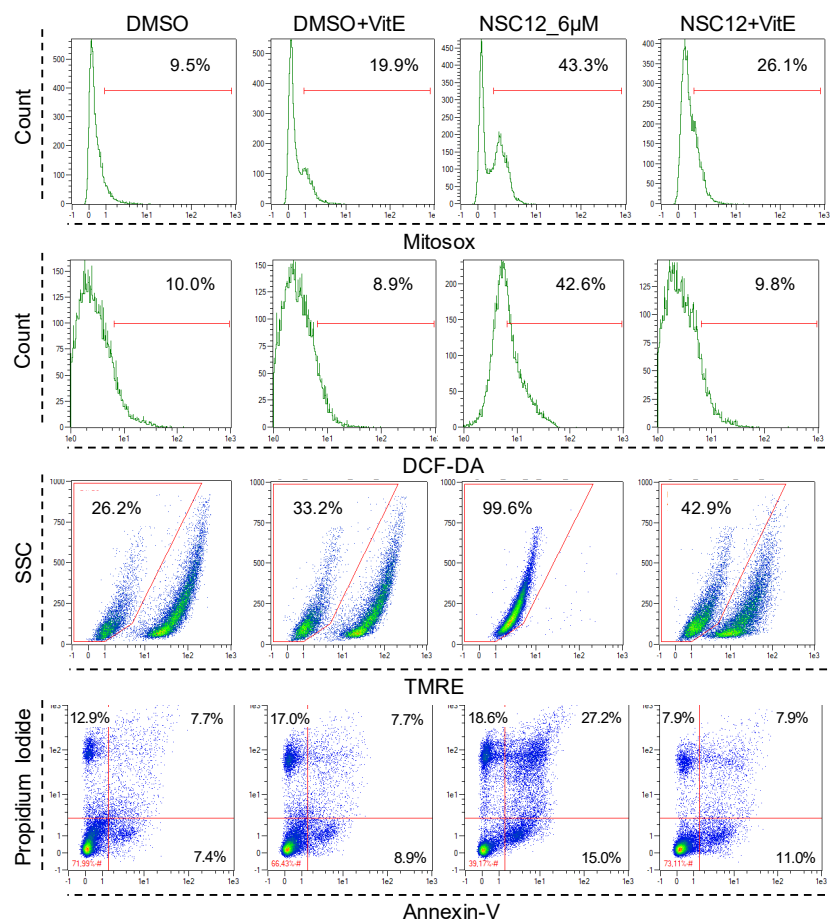


Fig. S3: Representative histograms (Mitosox and DCF-DA assays) and dot plots (TMRE and Apoptosis assays) from cytofluorimetric analysis of H520 cells treated for 48 hours with 6.0 μ M NSC12 in presence or absence of 220 mM Vitamin E.

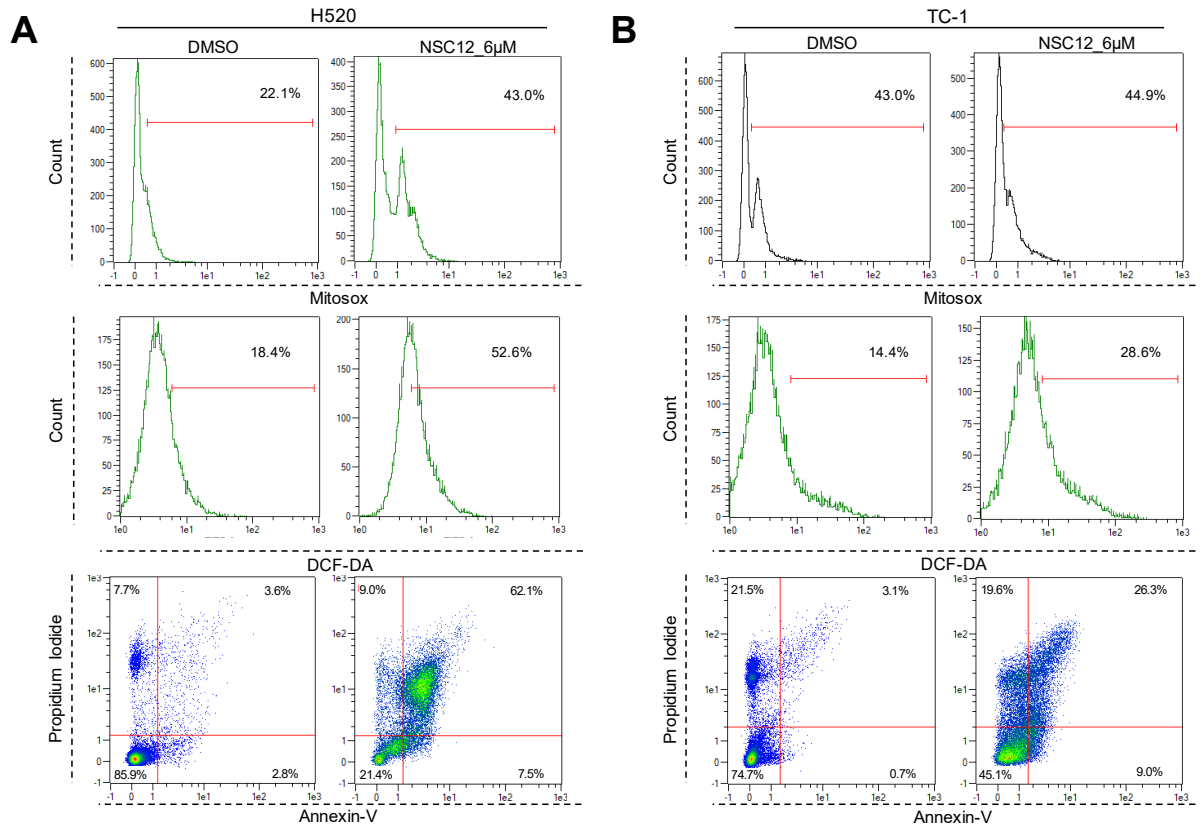


Fig. S4: FGF-independent TC-1 cells are less sensitive to FGF inhibition compared to FGF-dependent H520 cells. Mitochondrial (Mitosox) and cytoplasmic (DCF-DA) ROS production and apoptosis (Annexin-V/Propidium Iodide double staining) of H520 (**A**) and TC-1 (**B**) cells treated with 6.0 μ M NSC12 for 48 hours.

	H1581	H520	HCC	TC-1
FGFR1	+++	+++	+	++
FGFR2	+++	++	++	-
FGFR3	++	++	+	-
FGFR4	++	++	++	-
FGF1	-	-	-	++
FGF2	++	++	++	++
FGF3	-	+++	-	-
FGF4	-	-	-	-
FGF5	-	-	++	-
FGF6	-	-	-	-
FGF7	-	-	-	-
FGF8	+	+	-	+
FGF9	-	-	-	++
FGF10	++	-	-	+++
FGF16	-	-	-	-
FGF17	++	++	+	+
FGF18	+	++	-	++
FGF19	++	+++	+	-
FGF20	-	-	-	-
FGF21	+	++	-	++
FGF22	-	-	-	-
FGF23	-	-	-	-

Table S1: Expression of FGFRs and FGFs (canonical and hormonal) were detected by qPCR in the indicated cell lines and relative levels were reported as highly expressed (+++), expressed (++), lowly expressed (+) or not expressed (-) based on ΔC_t values for each gene compared to the housekeeping gene (GAPDH).