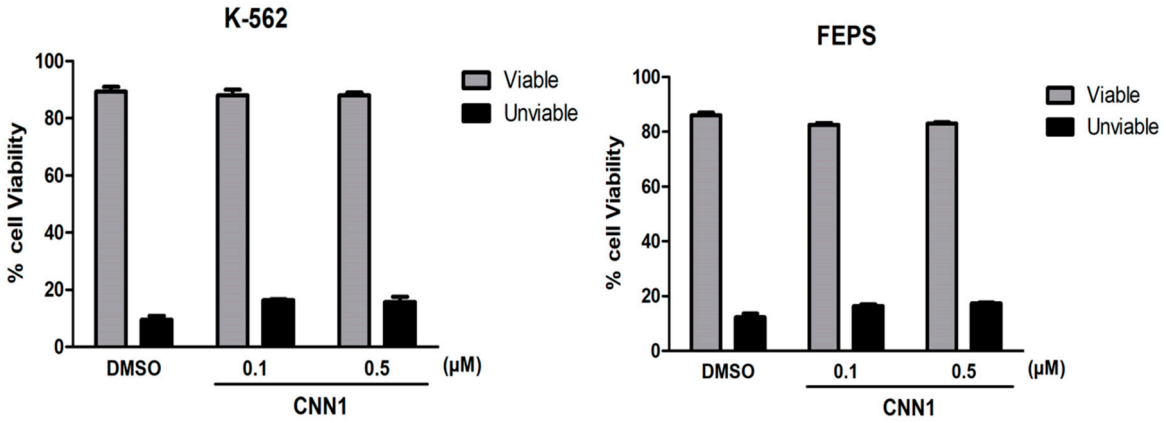

Figure S1: Trypan blue assay of K-562 and FEPS after 18h of treatment with **CNN1**. The bars represent the mean ± standard error of three independent experiments in triplicate. There was no statistically significant difference in cell viability comparing the negative control with treated group by ANOVA followed by Tukey test.

Table S1. Sequence of oligonucleotides used for RT-qPCR.

Gene	Sequence (5' – 3')	NCBI reference sequence
H2AFX	F- ACCAGCACAAGTCGGTTA R - AAGGTTCTAGTCGTGGAAGG	NM_002105.3
ACTB[1]	F- CTGGAACGGTGAAGGTGACA R- AAGGGACTTCCTGTAACAACGCA	NM_001101.5

[1]Actin Beta (ACTB) gene was used as the endogenous control.