

**Supplementary Table S1.** Origin and histology of cancer cell lines used in this study.

<b>Cell line</b>	<b>Origin</b>	<b>Histology</b>
FaDu	Head and neck	Squamous cell carcinoma
H1703	Lung	Squamous cell carcinoma
A549	Lung	Adenocarcinoma
PC-9	Lung	Adenocarcinoma
Ma24	Lung	Adenocarcinoma
H1650	Lung	Adenocarcinoma
H1299	Lung	Large cell carcinoma
HCT15	Colon	Adenocarcinoma
PC-3	Prostate	Adenocarcinoma
U2OS	Tibia	Osteosarcoma

**Supplementary Table S2.** Antibodies used in this study.

Target	Species	Clonality	Dilution rate	Company	Product#
Nrf2	Rabbit	Monoclonal	1:200	Abcam	ab62352
SOD2	Rabbit	Monoclonal	1:1000	Cell Signaling Technology	13194
TRX1	Rabbit	Polyclonal	1:1000	Cell Signaling Technology	2285
GAPDH	Rabbit	Monoclonal	1:1000	Cell Signaling Technology	3683