

Supplemental Information

ACA-28, an ERK MAPK signaling modulator, exerts anticancer activity through ROS induction in melanoma and pancreatic cancer cells.

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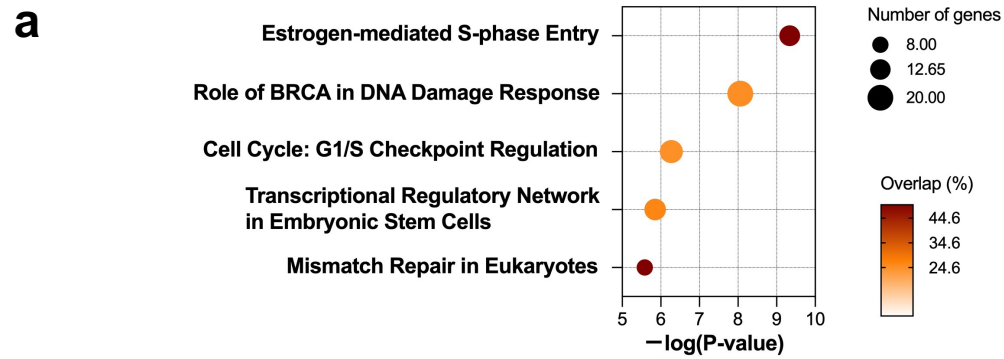
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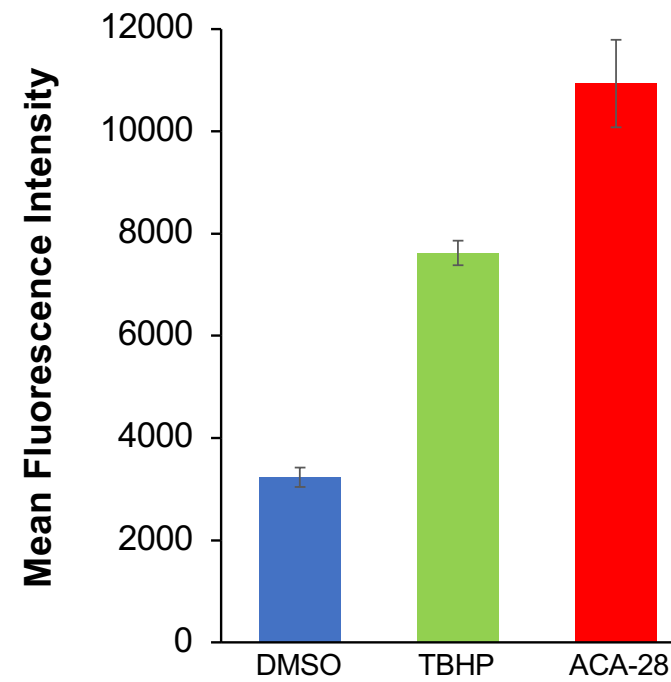
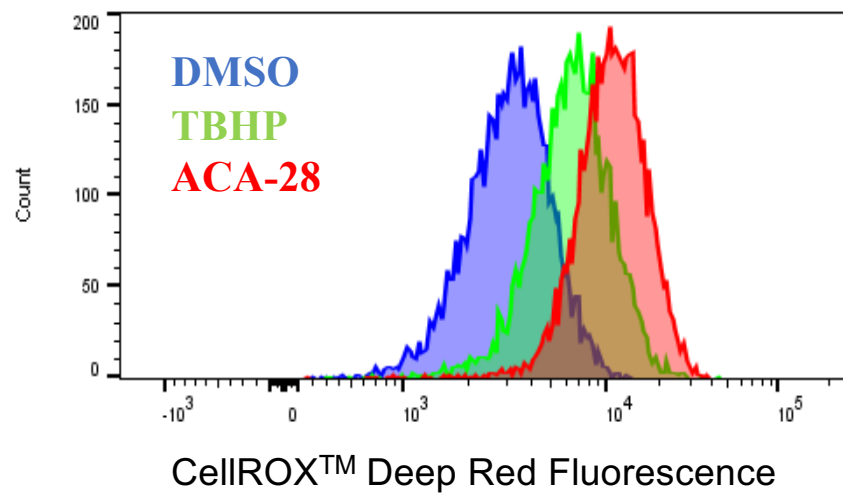
Supplementary Figure 1



b

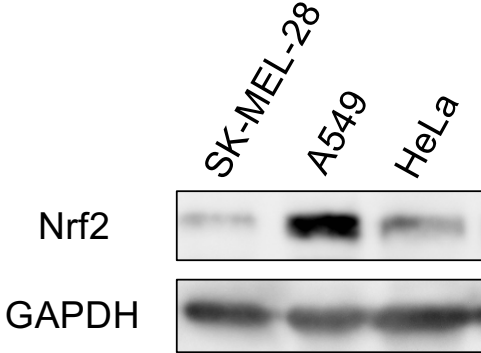
Gene symbol	Description	Binding consensus for NRF2
KRTAP2-3 /KRTAP2-4	keratin associated protein	TGCCTCAGCA-118 TGCCTCAGCA-128
HSPA1A /HSPA1B	heat shock 70kDa protein	TGGCTCAGAA-58 TGGCTCAGAA-57
ZFAND2A	zinc finger AN1-type containing 2A	TGACCCAGCA-203
GADD45B	growth arrest and DNA damage inducible beta	TGACTTACA-495
FOSB	AP-1 transcription factor subunit	TGTCTCCGGG-917
ANKRD1	ankyrin repeat domain 1	TGTCTCTGCC-653
CXCL8	C-X-C motif chemokine ligand 8	TGACTCAGGT-130
EGR1	early growth response 1	TGGCCCGGCC-334
GEM	GTP binding protein overexpressed in skeletal muscle	AGCCTCAGCA-681 TGCCACTGCA-440
KRTAP4-12	keratin associated protein 4-12	GTTCTCAGCA-34

Supplementary Figure 2

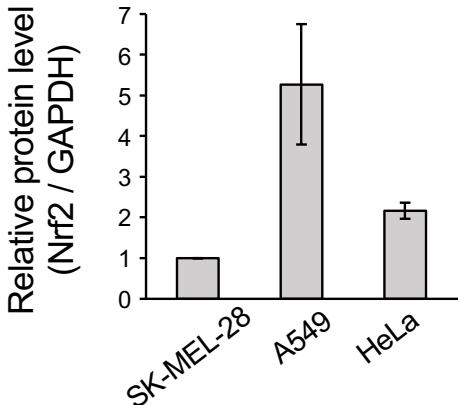


Supplementary Figure 3

a



b



Supplementary Figure 4

