

Supplementary Material

1. Supplementary Tables

1.1 Supplementary Table S1: Sequence information for primers.

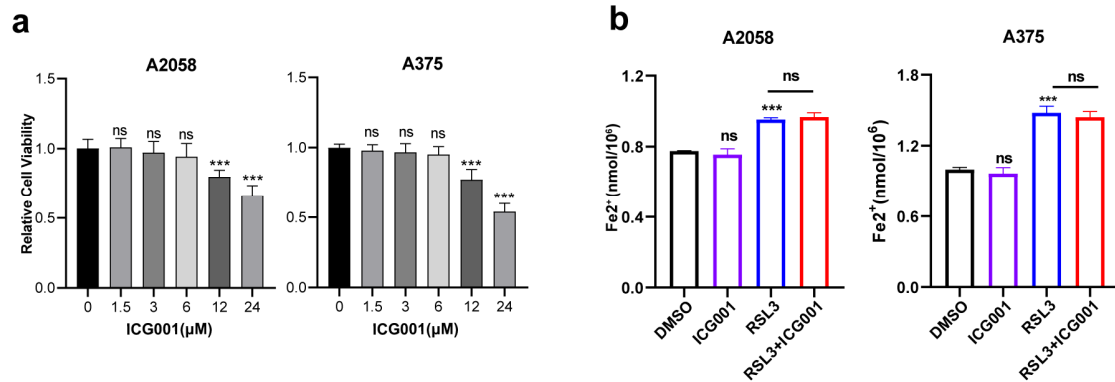
Supplementary Table S1. Sequence information for primers (5' to 3').

<i>Axin2</i>	Forward Primer: CAAACTTTGCGCCAACCGTGGTTG Reverse Primer: GGTGCAAAGACATAGCCAGAACC
<i>Cyclin D1</i>	Forward Primer: CCTCTGTGCCACAGATG Reverse primer: GGGTCACACTTGATCACTC
<i>Myc</i>	Forward Primer: CCTGGTGCTCCATGAGGAGAC Reverse Primer: CAGACTCTGACCTTTTGCCAGG
<i>MITF</i>	Forward Primer: GGCTTGATGGATCCTGCTTTGC Reverse Primer: GAAGGTTGGCTGGACAGGAGTT
<i>PGC1α</i>	Forward Primer: GGCAGTAGATCCTCTTCAAGATC Reverse Primer: TCACACGGCGCTCTTCAATTG
<i>SCD1</i>	Forward Primer: AAACCTGGCTTGCTGATG Reverse Primer: GGGGGCTAATGTTCTTGTC A
<i>SOD2</i>	Forward Primer: CTGGACAAACCTCAGCCCTAAC Reverse Primer: AACCTGAGCCTTGGACACCAAC
<i>CAT</i>	Forward Primer: GACAATCAGGGTGGTGCTCC Reverse Primer: GAATCGCATTCTTAGGCTTCTC

<i>TRX2</i>	Forward Primer: GTCCACACCACTGTGCGTGG Reverse Primer: TTGCAGGGAGATGGCTCAGCG
<i>TXNRD2</i>	Forward Primer: GCACCTTTGACACCGTCCTGTG Reverse Primer: CACCAGGATCTTCTGAGTGTCG
<i>Prx5</i>	Forward Primer: CCAATCAAGGTGGGAGATGCC Reverse Primer: GCAGGTGTGTCTTGGAACATC
<i>Prx3</i>	Forward Primer: CCTTTGGATTTACCTTTGTGTG Reverse Primer: CAAACCACCATTCTTTCTTGGTG
<i>COX IV</i>	Forward Primer: ACGAGCTCATGAAAGTGTTGTG Reverse Primer: AATGCGATACAACCTCGACTTTCTC
<i>ACTB</i>	Forward Primer: TCATGAAGTGTGACGTGGACATC Reverse Primer: CAGGAGGAGCAATGATCTTGATCT

1.2 Supplementary Table S2: Differentially-expressed molecules in RNA-sequencing data

2. Supplementary Figure



Supplementary Figure S1. (a) Relative cell viability of A2058 and A375 cell lines after the treatment with different concentrations of ICG001. (b) The intracellular level of Fe²⁺ in both A2058 and A375 cell lines after indicated treatment. Data represent the mean ± SEM of triplicates. *P* value was calculated by two-tailed Student's *t*-test. ****P* < 0.001. ns, non-significant.