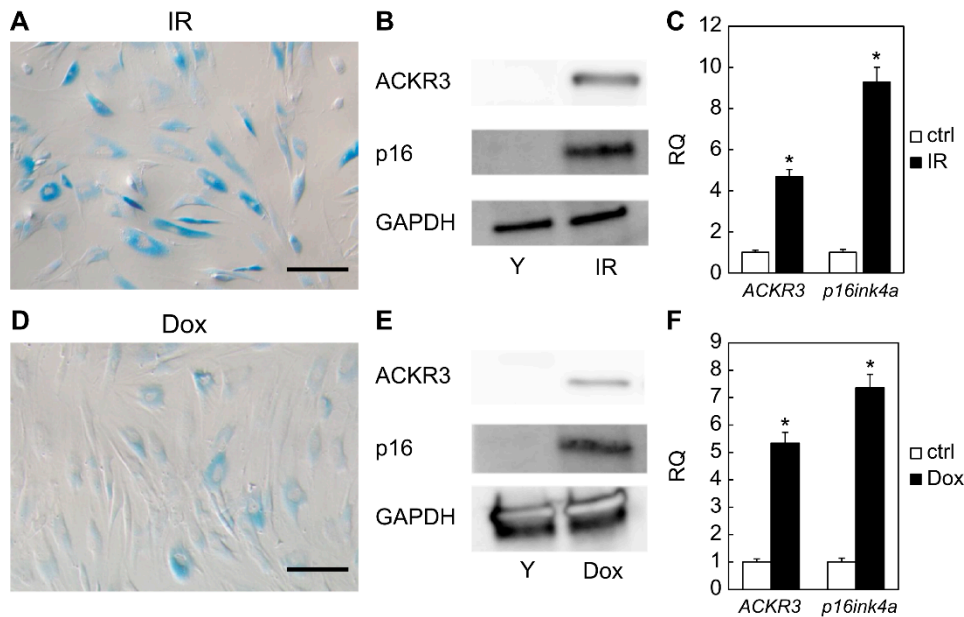Supplementary legends

Figure S1 ACKR3 expression in different cellular senescence stress models. (a) SA-β-gal staining of IR-induced senescent cells. Bar = 50 μm. (b) Western blot analysis of whole-cell lysate proteins extracted from IR-induced senescent cell. (c) Real-time quantitative polymerase chain reaction (RT-qPCR) analysis of the expression of senescence-related genes using cell extracts. GAPDH was used as the housekeeping gene. (d) SA-β-gal staining of doxorubicin-induced senescent cells. Bar = 50 μm. (e) Western blot analysis of whole-cell lysate proteins extracted from IR-induced senescent cell. (f) RT-qPCR analysis of the expression of senescence-related genes using cell extracts. GAPDH was used as the housekeeping gene. *; P < 0.05. IR; ionizing radiation. Dox; doxorubicin. RQ; relative quantification. All experiments were repeated in triplicate.
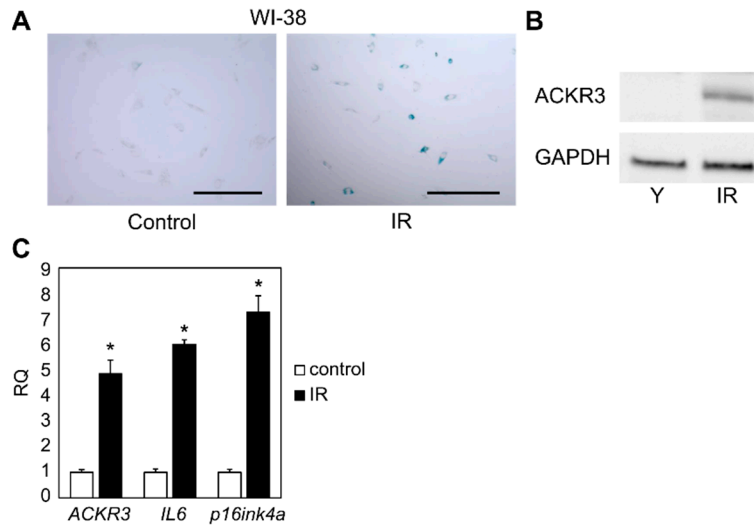
Figure S2 Expression of ACKR3 in different human fibroblasts (WI-38). (a) SA-β-gal staining of IR induced WI-38 senescent cells. Bar = 50 μm. (b) Western blot analysis of whole-cell lysate proteins extracted from IR induced WI-38 senescent cell. (c) Real-time quantitative polymerase chain reaction (RT-qPCR) analysis of the expression of senescence-related genes using cell extracts. GAPDH was used as the housekeeping gene. *; P < 0.05. RQ; relative quantification. All experiments were repeated in triplicate.