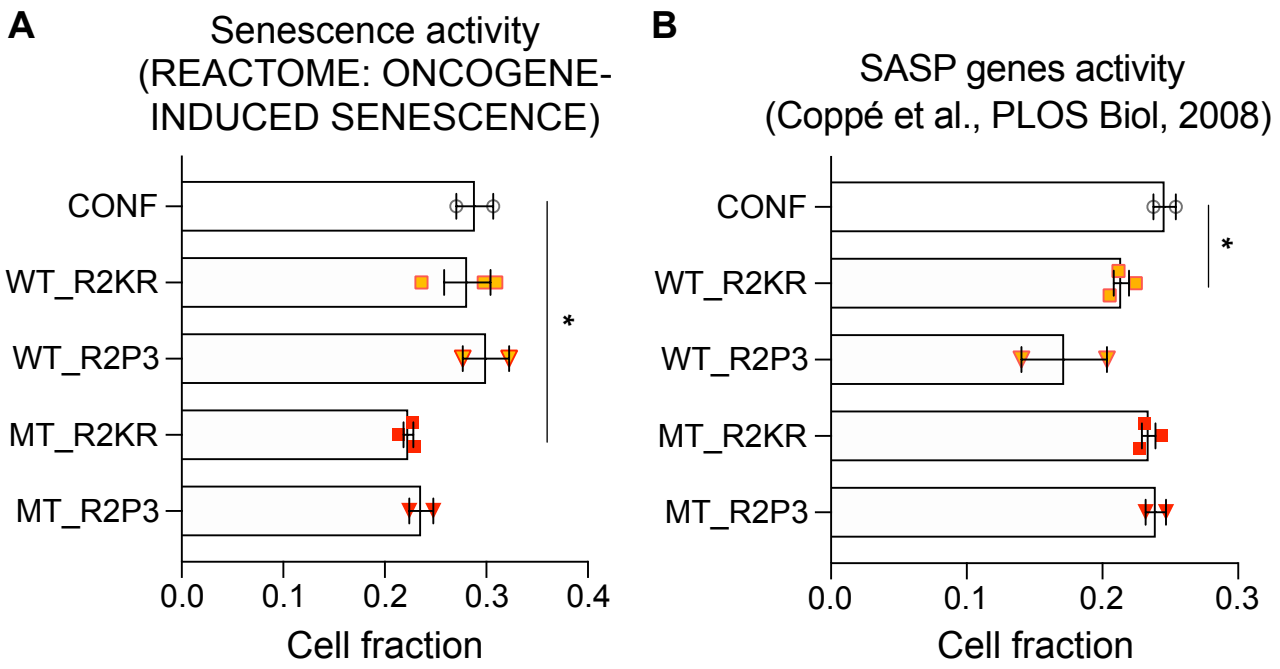

(A and **B)** Fractions of "active" cells with high gene set enrichment scores for senescence (A) and SASP (B) in mutant (MT) and wild-type (WT) epithelial cells from the *Red2Onco* mice and *Confetti* control. Mutant epithelial cells from *Red2-Kras*^{G12D} and *Red2-PIK3CA*^{H1047R} mice do not display high signatures of senescence and senescence associated secretory phenotype (SASP) compared to those of *Confetti*. The gene sets for (A) and (B) were collected from MSigDB ID M27190 and Coppé *et al*. (PLOS Biol., 2008), respectively. CONF: *Confetti*; R2KR: *Red2-Kras*^{G12D}; R2P3: *Red2-PIK3CA*^{H1047R}. Statistical significance (*$P < 0.05$) determined by unpaired two-sided t-test. Data represent mean±SEM from biological replicates (n=2 for *Confetti* and *Red2-PIK3CA*^{H1047R}; n=3 for *Red2-Kras*^{G12D}).