**Supplementary Figure 2.** 5LO activity is involved in oncogenic ras-induced ROS levels and stasis. WI38 cells were infected as described in Figure 1A. Four days post-selection, cells were cultured for additional 7 days in the absence (Untr.) or in the presence of 2 mM NAC, 15 µM DPI, 1 µM AA861, 1 µM MK886, 35 µM ETYA, 10 µM ATK, or 10 µM indometacin. (A) RP-HPLC measurements of 5-HETE in media conditioned by WI38 cells. (B) ROS induction was detected by dichlorofluorescin diacetate (DCF) staining. DCF fluorescence intensity (left) and the percentages of positive SA-β-gal cells (right) are shown and different treatments are indicated. *P≤0.05 versus Untr., ANOVA, n = 3.