

Fig. S1 p38α and p38γ, but not p38β, are essential for senescence induction by oncogenic *ras* in WI38 cells. WI38 cells transduced with shRNA for GFP (shGFP), p38α (shα756), p38β (shβ319, 375) or p38γ (shγ550, 1023) and HaRasV12 (Ras) or vector control (WH) were seeded into 12-well plates at 2 X 10⁴ cells/well after selection of transduced cells. Cell numbers were counted 5 days after seeding, and population doubling was calculated for each cell line. Values are mean \pm SD for duplicates.