

SUPPLEMENTARY FIG. S5. Effect of BOLA1 knockdown on the rate of hydroethidine oxidation. Fibroblasts in which BOLA1 was knocked down were loaded with  $10\,\mu\mathrm{M}$  HEt (Molecular Probes) for  $10\,\mathrm{min}$  at  $37^{\circ}\mathrm{C}$ . The reaction was stopped by thoroughly washing the cells with PBS to remove excess HEt. Digital imaging microscopy and quantitative analysis of Et fluorescence was performed as described before (5). The results depicted show that BOLA1 knockdown has no effect on the rate of HEt oxidation. Numerals indicate the numbers of cells analyzed. HEt, hydroethidine. (a) Mock.