



SUPPLEMENTARY FIG. S6. HNMPA, an IR inhibitor, prevents NaHS-induced IR phosphorylation in L6 myotubes and 3T3-L1 adipocytes cultured in both low glucose and high glucose media. Cells were starved for 24 h and then treated for 30 min with HNMPA (300 μM) or vehicle, followed by stimulation with NaHS at 50 μM for 60 min and with insulin (100 nM) for 15 min. **(A)** NaHS-induced IR phosphorylation in L6 myotubes is prevented by HNMPA (these blots are from a same gel in the Western blot analysis). **(B)** NaHS-induced IR phosphorylation in 3T3-L1 adipocytes is prevented by HNMPA (these blots are from a same gel in the Western blot analysis). Data represent the means \pm SE of four independent experiments.