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Supplementary Material

Kevin P. Foley and Amira Klip doi: 10.1242/bio.20147898

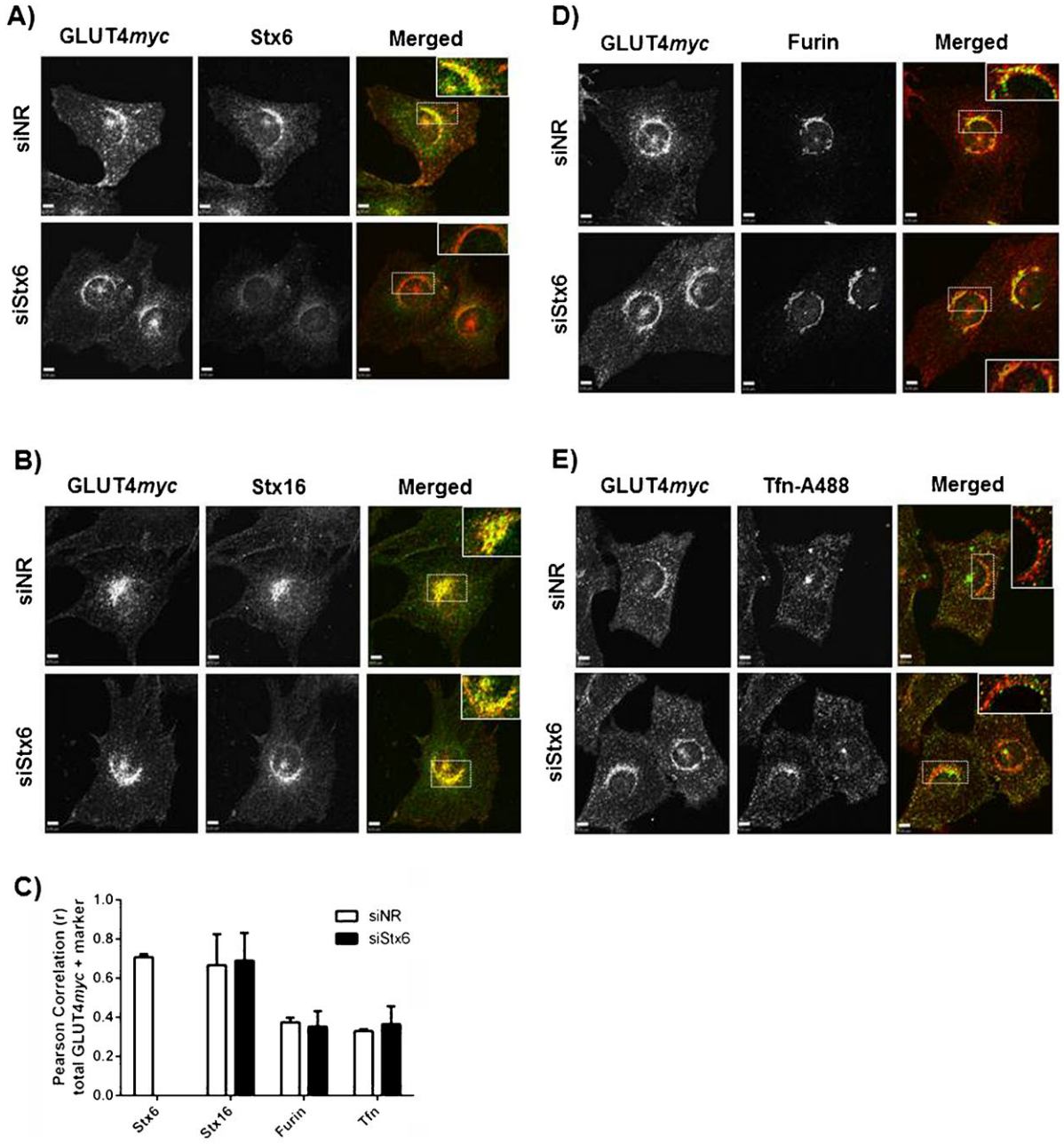

Fig. S1. Stx6 depletion does not alter the steady-state localization of GLUT4. Cells were fixed, permeabilized, and labeled for GLUT4*myc* (red) and Stx6 (green) (A) or GLUT4*myc* (red) and Stx16 (green) (B). Inset = single optical slices of the perinuclear regions. (C) GLUT4*myc* co-localization with markers of endomembrane compartments was quantified using Pearson correlations. Single cells were selected and Pearson correlations calculated using Volocity software (N=2). 8–15 cells were quantified in each experiment. (D) Cells were fixed, permeabilized, and labeled for GLUT4*myc* (red) and furin (green). Inset = single slice of perinuclear region. (E) Cells were loaded with Tfn-A488 for 30 min before being fixed, permeabilized, and labeled for GLUT4*myc* (red). Inset = single optical slice of the perinuclear region. Scale bars: 6 μm.