Supplemental Fig 1. HCFs were transfected with two unique USP10 siRNAs (Dharmacon), or control siRNA. After 48 hours, cells were lysed and Western blotted for USP10, integrins αv, β1, β5, and GAPDH. The results of the knockdown using the two USP10 siRNAs were averaged. USP10 was decreased (75.1% +/- 6.0%), αv (47.8% +/- 13.0%), β1 (33.2% +/- 13.4%), and β5 (33.2% +/- 4.2%). Representative blot is shown. N=3.

Supplemental Fig 2. Flow cytometry analysis of cell-surface integrin levels after USP10 overexpression. Flow cytometry for cell-surface integrin αv, β1, and avβ5, (representative experiment shown), average increases- αv (1.15 +/- 0.09), β1 (1.43 +/- 0.04) 1.62 fold +/- 0.48) N=3.

Supplemental Fig 3. The cytoplasmic tails of integrins β1, β3, and β5. The lysines, which are potential sites for ubiquitination, are highlighted in blue.