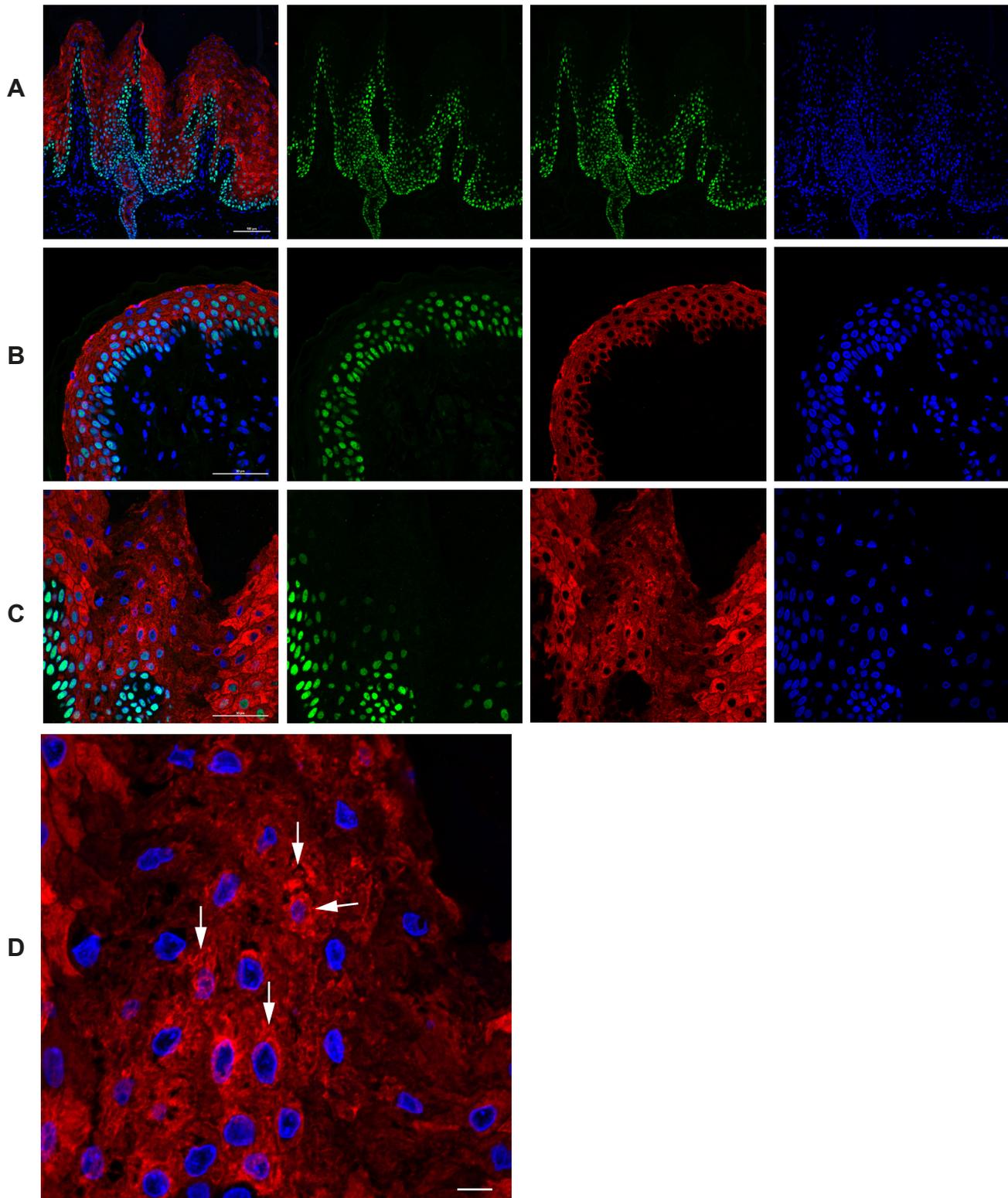


Figure S1



A, patient skin stained for p63 and K1 obtained with a 20x objective (merge, p63, K1, DAPI, bar=50 μ m). B, control skin stained for p63 and K1 obtained with a 60x objective. C, patient skin stained for p63 and K1 obtained with a 60x objective (merge, p63, K1, DAPI, bar=100 μ m). D High magnification of patient skin stained for K1, the arrows indicate examples of keratin clumping. (merge, K1, DAPI, bar=10 μ m).

Immunofluorescence analysis for p63 and K1 antigens. P63 is identified using Alexa fluor[®]488 igG (FITC green fluorescence), laser at 488 nm and 525/50 band pass filter while K1 with Alexa fluor[®]568 igG (TRITC red fluorescence), laser at 561 nm and 595/50 band pass filter. Nuclei detection was performed using DAPI (Blu fluorescence), laser at 404 nm and 450/50 band pass filter.