Figure S2. (A) TEM images of Rho-GFP/+ retina slices that were either unpeeled, peeled 4 times or peeled 8 times (the IS-enriched condition). Images were pseudocolored to point out key rod structures as follows: OS = yellow, IS = magenta, connecting cilia (CC)/basal bodies = blue. Scalebar values match adjacent panels when not labeled. (B) Alternate TEM single rod examples from Rho-GFP/+ IS-enriched retinas. The IS plasma membrane is annotated with magenta arrows. (C) SIM images from IS-enriched Rho-GFP/+ retinas immunolabeled for NbGFP-A647 (magenta), STX3 (cyan), and centrin (yellow). To demonstrate Rho-GFP colocalization with STX3 at the IS plasma membrane, row average intensity plots are shown for portions of the IS from 2 different magnified single rod examples marked with a dashed line. (D, E) Additional single rod SIM z-projection images of WT IS-enriched retina sections immunolabeled with either (D) Rho-C-1D4 (magenta) or (E) Rho-N-4D2 (magenta); both co-immunolabeled with STX3 (cyan) and centrin-2 (yellow) antibodies. White arrows indicate Rho fluorescence that is colocalized with STX3 at the plasma membrane. Numerical values corresponding to all graphical data are provided in Table F in S1 Data.