



eGFP (green) were colabeled with rhodopsin (red). ROS, rod outer segment; RIS, rod inner segment; ONL, outer nuclear lay; OPL, outer plexiform layer.

2011). After 10 hours in the dark, mouse eyeballs were harvested. Frozen sections were

stained with anti-T α antibody.



Frozen sections were Labeled with anti-PDE6 (A, B), anti-cone PDE6α (C, D), and anti-GRK1 (E, F). Scale bar: 10 µm. Arrow in \$F points ate mislocalized PDE6 in the synaptic region.

6. transport of rod and cone PDE6 as well as GRK1 to outer segments was impeded in the $Rp2^{Y/-}$ retina.