



Supplementary data 1: Localization of dystrophin after treatment

Representative confocal images of cross-sections centered on the OPL of *Grm6*^{+/+}, untreated *Grm6*^{-/-}, *Grm6*^{-/-}-GRM6-*Grm6* and *Grm6*^{-/-}-CAG-*Grm6* retinas co-stained (yellow, merge) with an antibody against mGluR6 (red) and against dystrophin (green). The presumed rod-to-BC and the cone-to-cone BCs synapses are highlighted with an arrow and arrow head, respectively. Scale bar, 10 μ m.