Supp. Fig. S2. Immunoblot (IB) analysis of FLJ-FM peptide competition assay. Each lane contains 20 μg of retinal homogenate. Control C57Bl/6J or Nrl⁻/⁻Arr4⁻/⁻ mice were kept in darkness, exposed to room light and sacrificed. Samples were resolved on 12% SDS-PAGE, transferred to PVDF membrane, reversibly stained and cut into equal halves. PAb FLJ-FM was pre-adsorbed with excess immunizing peptide. Membranes were probed with PAb FLJ-FM (right panel) or pre-adsorbed (left panel) PAb FLJ-FM with peptide, followed by secondary goat anti-rabbit HRP-conjugated Ab for ECL detection. Als2cr4 immunoreactivity is detectable only on the pellet fractions (P) on the membrane on the right, which was probed with PAb FLJ-FM not pre-adsorbed. Als2cr4 is not detectable in soluble (S) protein fractions. Molecular weight markers in kilodaltons (kDa) are identified on the left.