

### Additional file 5.

#### **Expression of MECP2 in retinal cells from double KO mice with combined deletion of *Suv3-9* and *Suv4-20***

Similar to WT mouse retina, rods of double KO mice (arrowheads) express MeCP2 at a very low level, whereas cones (arrows) in ONL and other neurons from INL and GCL strongly express MeCP2. Note typical distribution of MeCP2 in nuclei (compare with WT retina cells on Figure 1A). Single confocal sections. Scale bars: upper panel, 25  $\mu\text{m}$ ; middle and lower panels, 5  $\mu\text{m}$

