

Figure S6

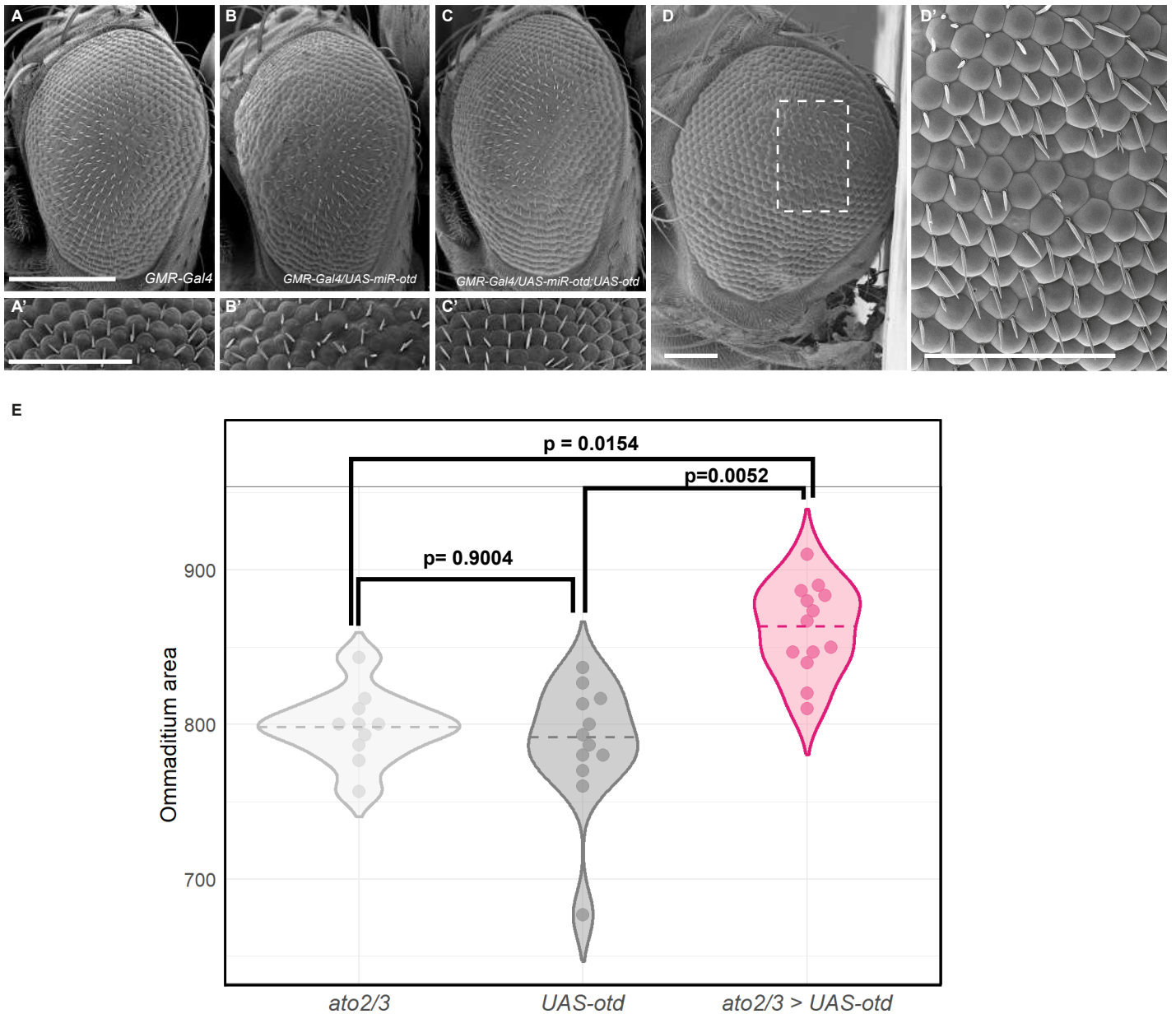


Figure S6. Loss and gain of *otd* causes defects in ommatidia structure.

(A-C) Knockdown of *otd* by expressing *UAS-miR-otd* with *GMR-GAL4* driver in *D. melanogaster* eye. (A-A') *GMR-GAL4*. (B-B') *GMR-GAL4/ UAS-miR-otd* shows a rough eye phenotype due to defects in ommatidia arrangements. (C-C') *GMR-GAL4/ UAS-miR-otd* phenotype is rescued by co-expressing *UAS-otd*. (D-D') *otd* mutant mitotic clones also show defects in ommatidia size and organisation. (E) Overexpression of *otd* with *ato-Gal4* increases ommatidia area. One-way ANOVA test, F: 7,95 p-value: 0,0015; Tukey's HSD ($p = 0.0154$, $p=0.0052$, $p=0.9004$)