**Supplementary file 2.** True S-cone terminals and Cpne9-Venus+SCBCs connectivity in dorsotemporal (DT) and ventronasal retina (VN). Quantitative data are shown as mean ± SD from the average of five DT and VN retinal areas (Figure 3C). Significant differences between retinal areas, *p*<0.01 (\*\*), *p*<0.0001 (\*\*\*\*).

|  |  |  |
| --- | --- | --- |
| Cpne9-Venus Line | DT | VN |
| A. True S-cones:S-cone bipolar cell  | 1.92 ± 0.16 | 4.62 ± 0.26\*\*\*\* |
| B. S-cone bipolar cells:true S-cone | 3.81 ± 0.44\*\* | 1.91 ± 0.24 |