

## Figure S5. A tripartite SC-like structure is found along the axis of univalents in homozygous *Stag3* mutant spermatocytes.

(A and B) Quantification of signal distribution within the highlighted region for ACA (white), SYCP3 (red) and SYCE1 (green) on representative homozygous *Stag3* mutant (A) and wild-type (B) meiotic chromosomes.