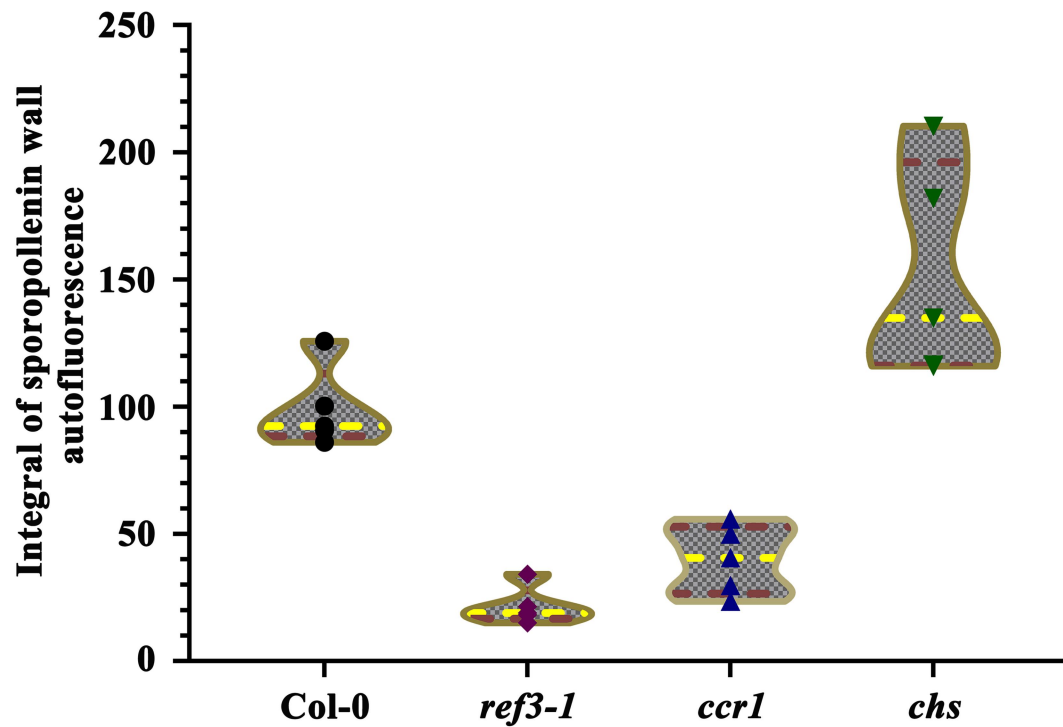


Sup fig 8. Integral of sporopollenin wall autofluorescence (ISAI) of sporopollenin biosynthesis mutants in *Arabidopsis thaliana*.



Violin plot of the integral of sporopollenin wall autofluorescence intensity in *A.thaliana* mutants. Col-0 (wild type), *ref3-1* (mutant of CINNAMATE-4-HYDROXYLASE gene), *ccr1* (mutant of CINNAMOYL-CoA REDUCTASE gene), *chs* (mutant of Chalcone Synthase gene). The yellow line indicates the average value, the red line indicates the quartile value, and the data points are showed in the graph. 12 measurement lines each pollen grain, 5 pollen grains each *A. thaliana* ecotype (mean \pm SD, n=5).