

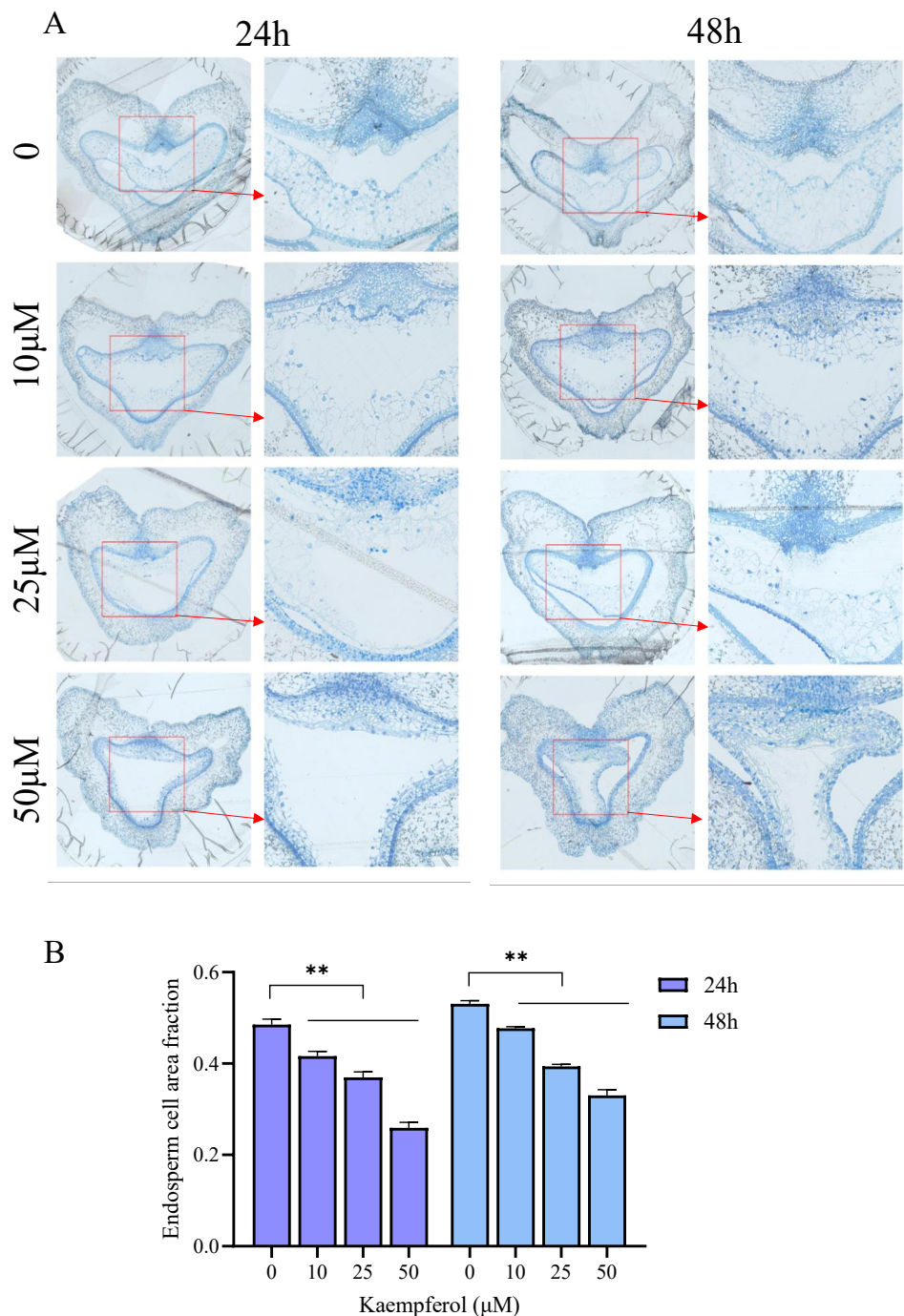


Fig. S3. Effects of kaempferol treatment on endosperm cellularization at 4 DPA. A. Semi-thin sections of wild-type wheat seeds treated with 10, 25, or 50 μ M kaempferol for 24 or 48 hours were examined to assess endosperm cellularization (n=3). The left panel shows transverse sections after 24-hour treatments; the right panel shows sections after 48-hour treatments. Red boxes indicate regions selected for higher magnification, shown in the corresponding adjacent panels. B. Quantification of endosperm cell area fraction. The values represent the ratio of cellularized endosperm area to the total endosperm area, calculated based on the semi-thin sections shown in (A). (n=3, mean $\pm$ SD; *P < 0.05; **P < 0.01, student's t-test).