



**Supplemental Figure 9. Sucrose supplementation does not change the tissue-specific formation of starch granules in wild type seedlings nor does it restore starch granules in the *esv1* mutant.**

Starch granules in the upper hypocotyl endodermis (upper) and root columella (lower) were visualized by staining 3-day-old dark-grown seedlings with Lugol's iodine. Seedlings were grown in MS media either with **(A)** or without **(B)** the addition of 1% sucrose. Scale bar = 50 $\mu$ m.