



**Figure S7.** The nucleosomes levels in the regions covered by parent-of-origin dependent nucleosomes in endosperm and seedling. Comparisons of nucleosome levels in endosperm and seedling from B73 inbred in the regions covered by parent-of-origin dependent nucleosomes. The *in vivo* nucleosome levels of shoot and endosperm was calculated using the DANPOS. Asterisk, significant enrichment of nucleosome occupancy ( $p$ -value  $< 0.001$ ; T-Test).