



**Figure S2** Germination profile of three genotypes at *SD7-1*. Germination was evaluated with 1- to 16-d after-ripened (DAR) seeds. Data shown are genotypic means (circles) and s.d. of 15 plants selected from the intragenic recombinant Rrec<sup>#2</sup> (figure 1B)-derived progeny population. The genotypes homozygous for the dormancy-enhancing allele (dark circles) or heterozygous (gray circles) at *SD7-1* displayed red pericarp color, and the genotype homozygous for the dormancy-reducing allele at *SD7-1* exhibited white pericarp color (open circles). Gene additive ( $a$ ) and dominance ( $d$ ) effects and degree of dominance ( $d/a$ ) were estimated for cumulative germination after 10 (D10) or 2 (D2) days of incubation. A significant (\*) or non-significant (ns) gene effect was determined at the probability level of 5%.