



**Figure S1** Examples of segregation of  $F_1$  families from a) Ki3 x *Rp1-D21*-H95 and b) Tx303 x *Rp1-D21*-H95. Taller individuals are wild-type siblings. Black arrows indicate some of the  $F_1$  plants heterozygous for *Rp1-D21*. Insets show details of leaves of plants carrying *Rp1-D21*.