

Figure S1

RHL	chrA09_278361 92 (A9-1)	chrA09_27935 312 (A9-2)	chrA09_2818876 9 (A9-3)	chrA09_282214 66 (A9-4)	No. of F ₆ lines
R4	H	H	H	H	7
R19	H	H	H	H	10
R26	H	H	H	H	9
R41	A	H	H	H	9
R48	H	H	B	B	9
R78	H	H	H	H	10
R159	H	H	H	H	9
R183	H	H	H	H	8

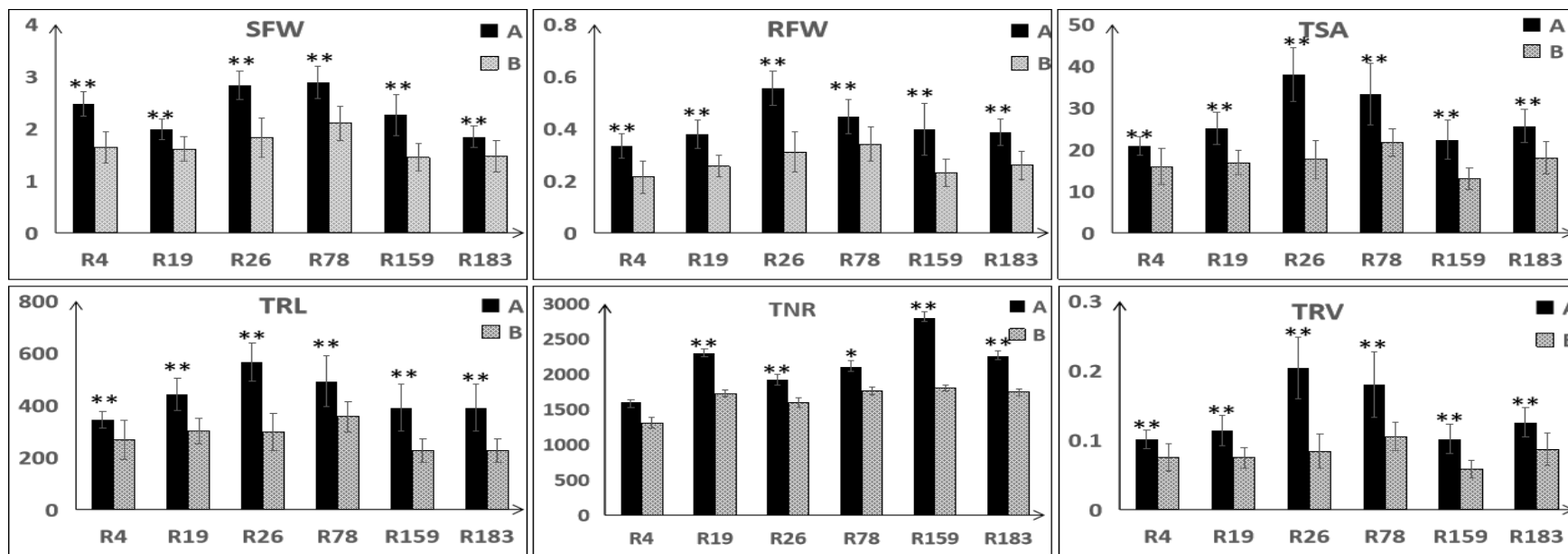
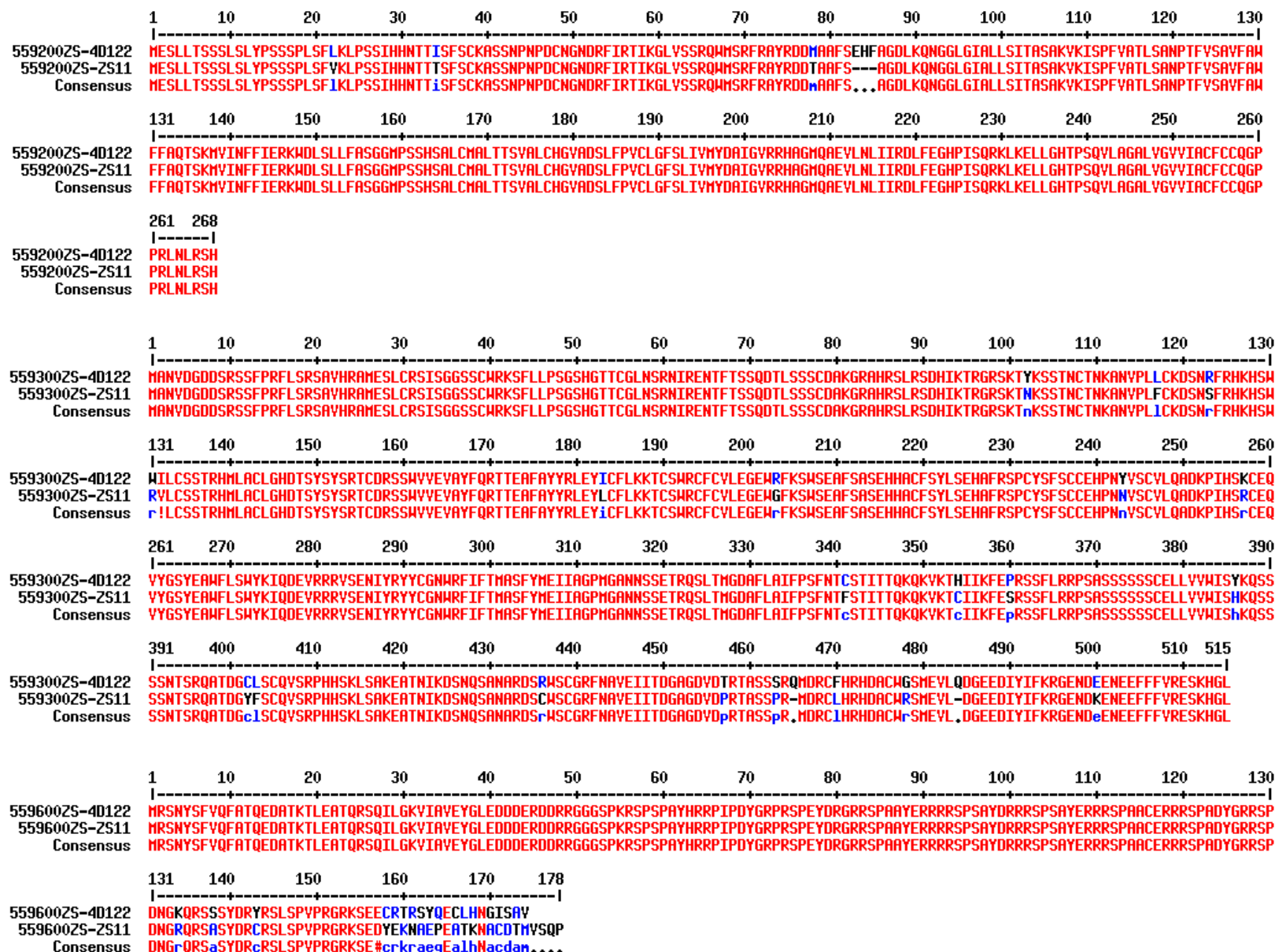


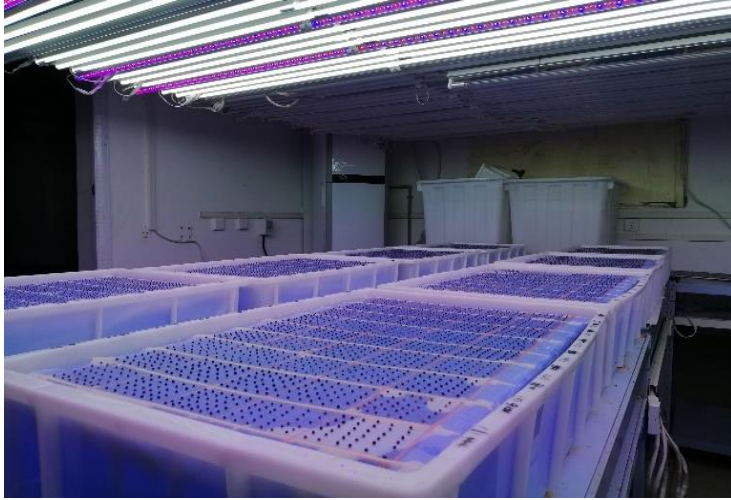
Figure S2



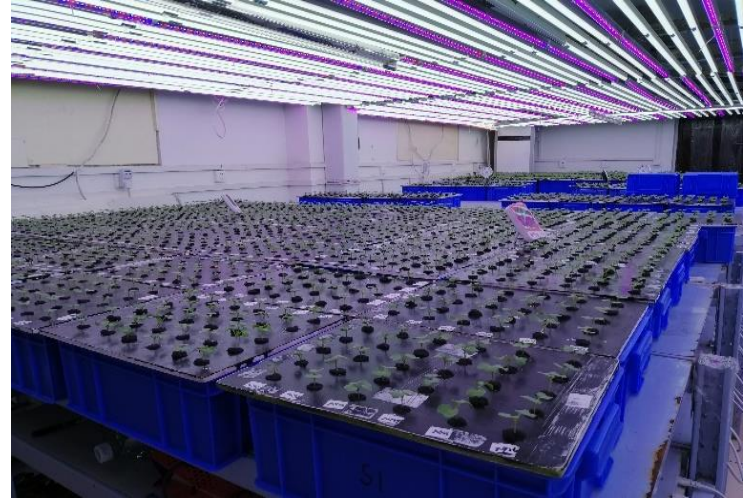
The sequence comparisons of amino acids for the three candidate genes.

Figure S3

A



B



C



D



Growing of plants at different stages (A) Materials sowed on germination device (germination stage). (B) Plants in the growth device six days after transplantation (transplanting stage). (C) Plants in the growth device at 1/2 changing solution (tiny blue plastic basin). (D) Plants at sampling stage (18 days old seedlings)