

Table S5. Candidate genes information of *Cr4Ba1.1*

Gene ID	Homologous gene	Annotation	<i>A. thaliana</i> Highest expression
<i>Bra013275</i>	<i>AT4G18010</i>	Encodes an inositol polyphosphate 5-phosphatase, overexpression of this gene renders plants insensitive to ABA in germination and growth assay	Root
<i>Bra013281</i>	<i>AT1G11130</i>	Signal transduction mechanisms; Protein kinase/tyrosine domain	root
<i>Bra013289</i>	<i>AT4G18170</i>	WRKY DNA-binding domain	Root, flower
<i>Bra013299</i>	<i>AT4G18360</i>	Energy production and conversion; FMN-dependent dehydrogenase; Nitronate monooxygenase;	Root
<i>Bra013310</i>	<i>AT4G18450</i>	IMP dehydrogenase / GMP reductase domain; Thiazole biosynthesis protein ThiG	—
<i>Bra013336</i>	<i>AT4G18640</i>	AP2 domain; Ethylene-responsive transcription factor	—
<i>Bra013336</i>	<i>AT4G18640</i>	Protein tyrosine/kinase kinase; Leucine rich repeat N-terminal domain; Leucine Rich repeats (2 copies)	Stem
<i>Bra013339</i>	<i>AT4G18670</i>	Leucine rich repeat; Leucine Rich repeats (2 copies);	Flower
<i>Bra013341</i>	<i>AT4G18710</i>	Leucine rich repeat N-terminal domain; Carbohydrate transport and metabolism	Root, stem
<i>Bra013345</i>	<i>AT4G18760</i>	Leucine Rich repeats (2 copies); Leucine rich repeat	Flower
<i>Bra013347</i>	—	F-box associated	—
<i>Bra013348</i>	—	F-box domain	—
<i>Bra013357</i>	<i>AT4G19920</i>	TIR domain	Root