

**Table S5** Phenotypic means for grain yield (ton ha<sup>-1</sup>) under control (2% AI saturation) and AI stress (56% AI saturation) conditions in the field for the eight hybrids with distinct allelic combinations at the *Al<sub>SB</sub>* locus as depicted in Table S1.

		Male lines (R)			
Environment	Female lines (A)	BR012 (tt)	BR012(SC566) (TT)	BR012(SC549) (TT)	BR012(CMS225) (TT)
Control	ATF13A(tt)	3.93(tt)	4.20(Tt)	3.88(Tt)	3.80(Tt)
	ATF14A(TT)	4.25(Tt)	3.97(TT)	4.53(TT)	4.91(TT)
AI	ATF13A(tt)	2.21(tt)	3.31(Tt)	3.41(Tt)	2.91(Tt)
	ATF14A(TT)	2.94(Tt)	3.97(TT)	3.60(TT)	3.54(TT)