

Table S8 Information of *qTN5.1* and *qAB9.1* mapped in F₂, F_{2:3} and F_{2:4} populations

QTL	Population	Peak locus	LOD	PVE (%)	Additive effect	Interval
<i>qTN5.1</i>	F2	tIndel37.60	16.72	8.2	0.66	IS5.1-tIndel40.20
<i>qTN5.1</i>	F2:3	tIndel39.75	29.39	14.2	0.72	InDel37.3-tIndel40.20
<i>qTN5.1</i>	F2:4	tIndel39.69	34.55	13.2	0.53	tIndel39.62-tIndel39.80
<i>qAB9.1</i>	F2	bIndel6.773	20.67	10.1	2.39	GSA09070-bIndel8.526
<i>qAB9.1</i>	F2:3	bIndel6.773	19.57	9.7	0.99	GSA09070-bIndel8.527
<i>qAB9.1</i>	F2:4	bIndel7.502	5.18	4.2	0.32	bIndel7.465-GSA9147