

**Supplemental Table 1.** Datasets using in QTL analysis

Dataset	Experiment	DAF	No. of phenotype	No. of genotype
1	1	45	106	141
2	1	90	101	141
3	2	45	121	141
4	2	90	121	141
5	1 and 2	45	227	141
6	1 and 2	90	222	141
7	1 and 2	45 and 90	449	141