Supplemental Table S3. Identification of the putative causal mutations associated with the glossy fruit phenotype based on allelic frequency analysis in the *glossy* and WT-like bulks. In case of a recessive mutation (*i.e.* most EMS mutations), all BC_1F_2 individuals that exhibit the mutant phenotype are homozygous for the causal mutation (frequency =1 in the *glossy* bulk). On the contrary, in the WT-like bulk, the EMS mutation segregates as a Mendelian locus (frequency ~0.33 in the WT-like bulk). The table reports the number of putative causal mutations corresponding to three different allelic frequency filters applied to detect the recessive causal mutation. The number of candidate causal mutations decrease with stringency of allelic frequency cut-offs. AF= Allelic Frequency.

***glossy* bulk**	**WT-like bulk**	**Nb of EMS mutations**
AF>0.9	0.2<AF<0.4	535
AF>0.95	0.2<AF<0.4	376