S4 Fig. **Validation of structural variants.** Examples of a (A) deletion and an (B) inversion that are validated by manual inspection. First, through dot plots between the assemblies of *S. lycopersicum c.v.* Heinz 1706 and *S. pennellii* genomes generated using *Gepard* (left). Second, through heatmap of overlapping barcodes between linked reads (10X Genomics) in the *S. pennellii* parental genome generated using *Loupe Browser*. The patterns in the top right and bottom right Figs characterize a deletion and an inversion, respectively.