Supplemental Figure 1

Schematic synteny map between cucumber (left) and melon (right) comparing the map positions of candidate organic acid metabolism genes. The cucumber homologues to the five melon genes which were not mapped in this study are listed on the left, along their cucumber map positions, according to the cucumber genome browser (www.icugi.org). The mapped melon genes are as listed in Fig. 3 and described in Supplementary Table 2. The map positions of the homologous cucumber genes are also described in Supplementary Table 2. General synteny can be observed with the exception of two melon genes whose homologues map to cucumber chromosome 6. The background synteny map is adapted from Huang et al. (2009).