Figure 1-Figure Supplement 1

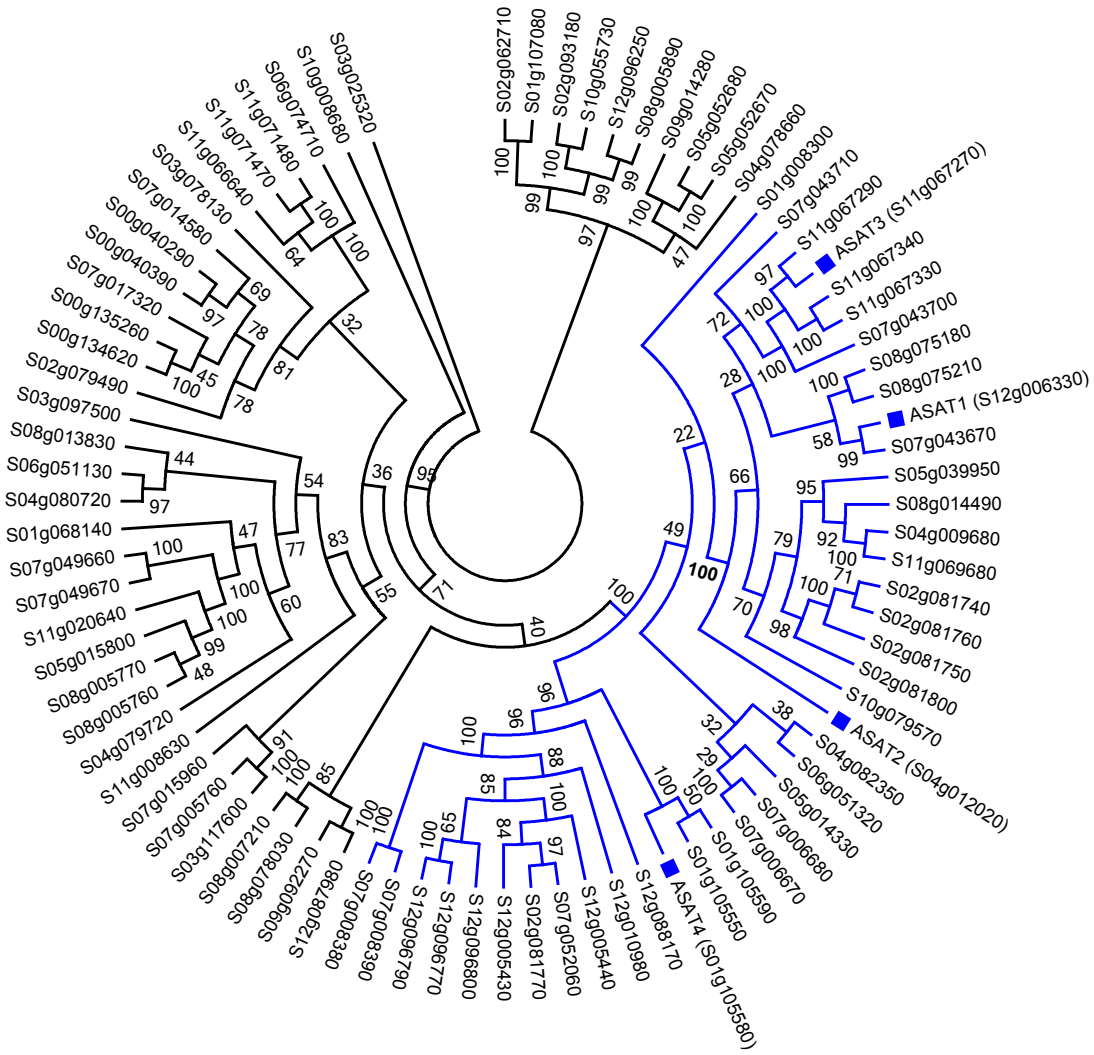

Figure 1- Figure Supplement 1: Tomato ASATs are members of the BAHD enzyme family (A) SlASATs shown in a phylogenetic tree with all other BAHDs in cultivated tomato genome. The 'Solyc' in the gene names has been shortened to 'S'. BAHD is an acronym for four acyltransferase enzymes: benzyl alcohol O-acetyltransferase (BEAT), anthocyanin O-hydroxycinnamoyltransferase (AHCT), N-hydroxycinnamoyl/benzoyltransferase (HCBT), deacetylvindoline 4-O-acetyltransferase (DAT) - the first discovered members of this family. Please refer to Figure 1 for the biochemical activities of SlASATs. Only sequences >200aa in length were used in this analysis. Tree was constructed using Maximum Likelihood with the PROTGAMMAJTT model in RAxML v8.0.6 with 1000 rapid bootstrap replicates specified.