

Figure 1: Maximum-likelihood tree for MANI_010495. The gene MANI_010495 assists in helvolic acid biosynthesis. Branches support values (bootstrap proportions) are associated with nodes.

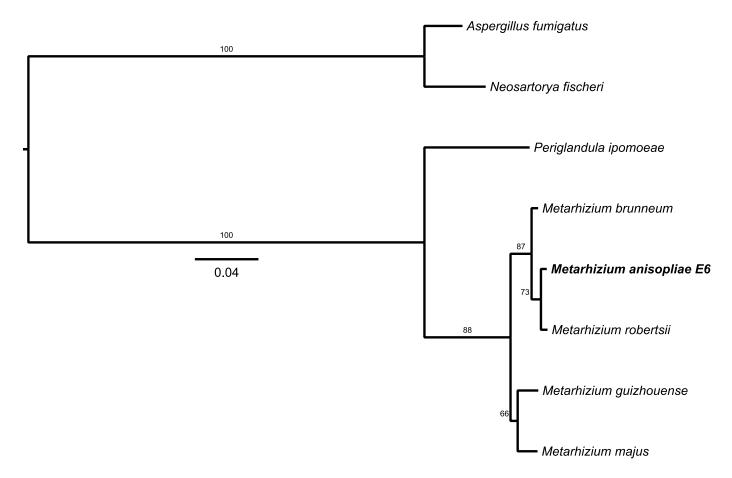


Figure 1: Maximum-likelihood tree for MANI_010512. The gene MANI_010512 assists in helvolic acid biosynthesis. Branches support values (bootstrap proportions) are associated with nodes.

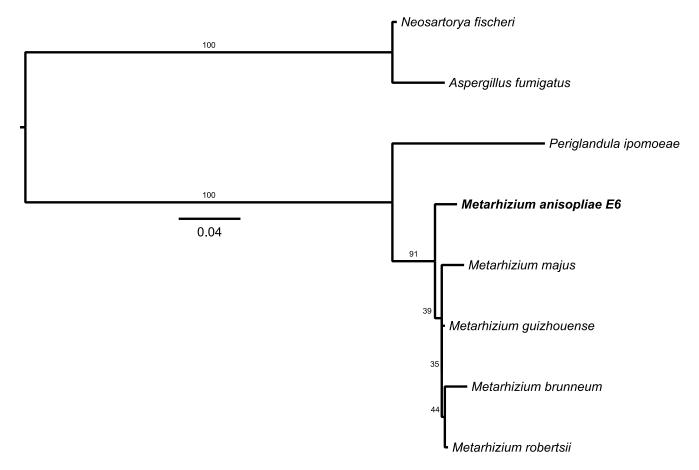


Figure 2: Maximum-likelihood tree for MANI_010527. The gene MANI_010527 assists in helvolic acid biosynthesis. Branches support values (bootstrap proportions) are associated with nodes.

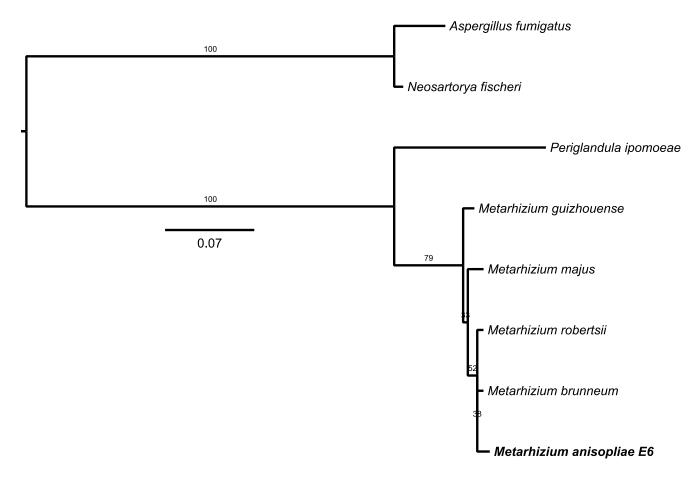


Figure 3: Maximum-likelihood tree for MANI_010530. The gene MANI_010530 assists in helvolic acid biosynthesis. Branches support values (bootstrap proportions) are associated with nodes.

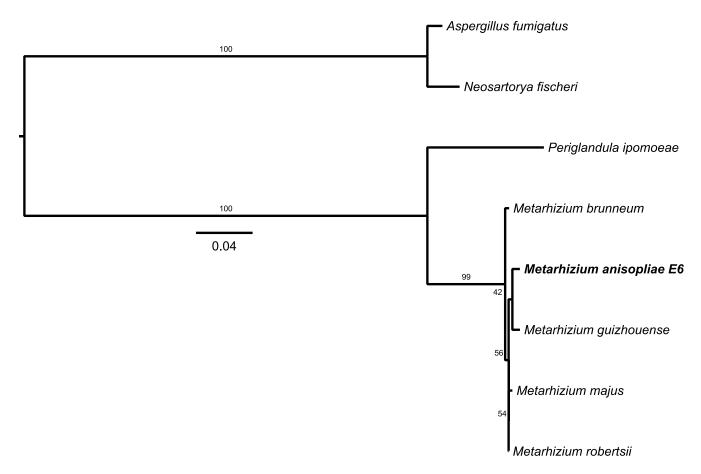


Figure 4: Maximum-likelihood tree for MANI_010531. The gene MANI_010531 assists in helvolic acid biosynthesis. Branches support values (bootstrap proportions) are associated with nodes.

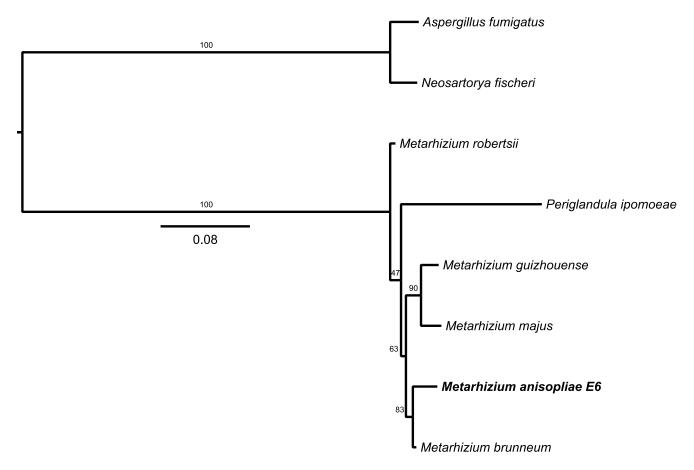


Figure 5: Maximum-likelihood tree for MANI_010532. The gene MANI_010532 assists in helvolic acid biosynthesis. Branches support values (bootstrap proportions) are associated with nodes.

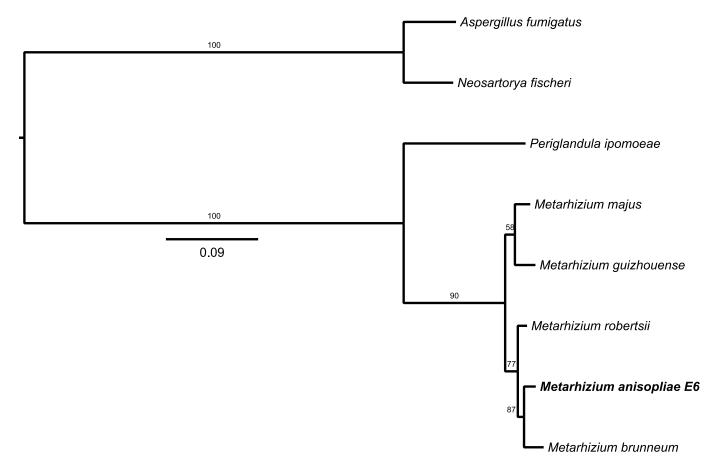


Figure 6: Maximum-likelihood tree for MANI_010536. The gene MANI_010536 assists in helvolic acid biosynthesis. Branches support values (bootstrap proportions) are associated with nodes.

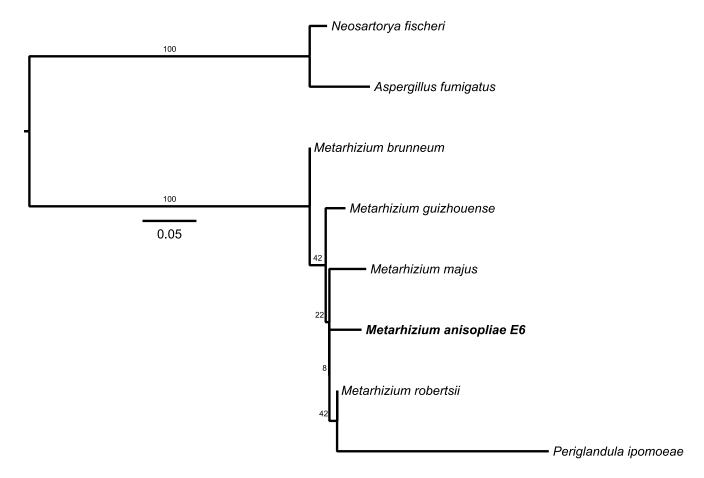


Figure 7: Maximum-likelihood tree for MANI_010537. The gene MANI_010537 assists in helvolic acid biosynthesis. Branches support values (bootstrap proportions) are associated with nodes.

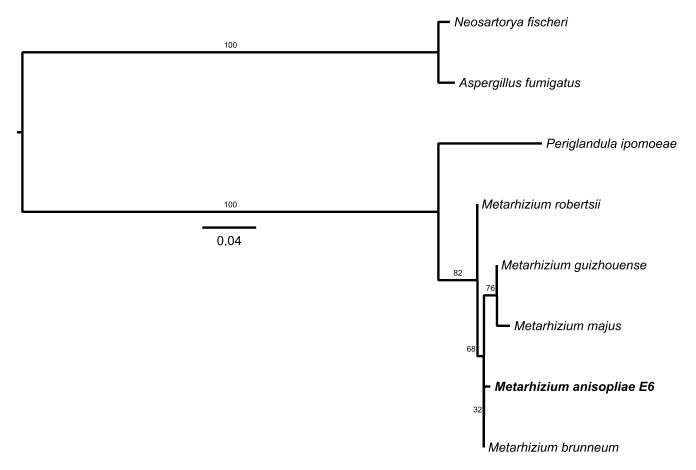


Figure 8: Maximum-likelihood tree for MANI_010594. The gene MANI_010594 assists in helvolic acid biosynthesis. Branches support values (bootstrap proportions) are associated with nodes.

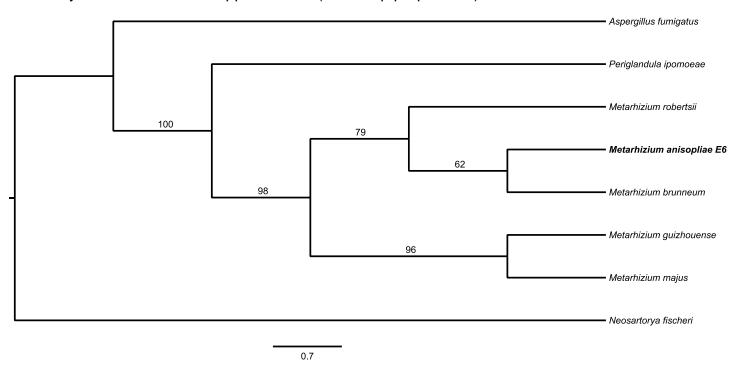


Figure 9: Supertree. MRP supertree constructed based on the inferred trees for helvolic acid cluster with CLANN 3.1.3. Branches support values (bootstrap proportions) are associated with nodes.

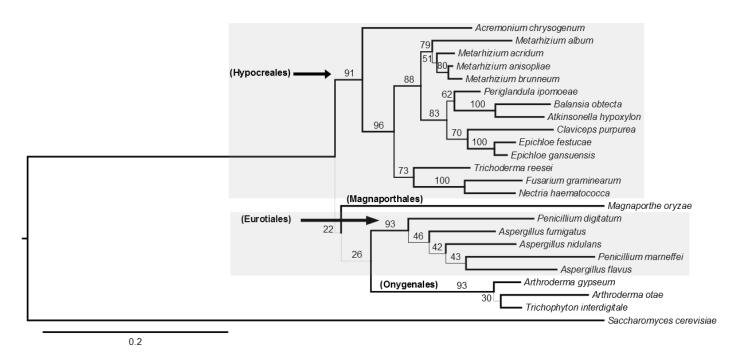


Figure 10: Species tree. Maximum-likelihood phylogeny for *tef1*, a barcode gene, showing the established species relationships. Branches support values (bootstrap proportions) are associated with nodes.