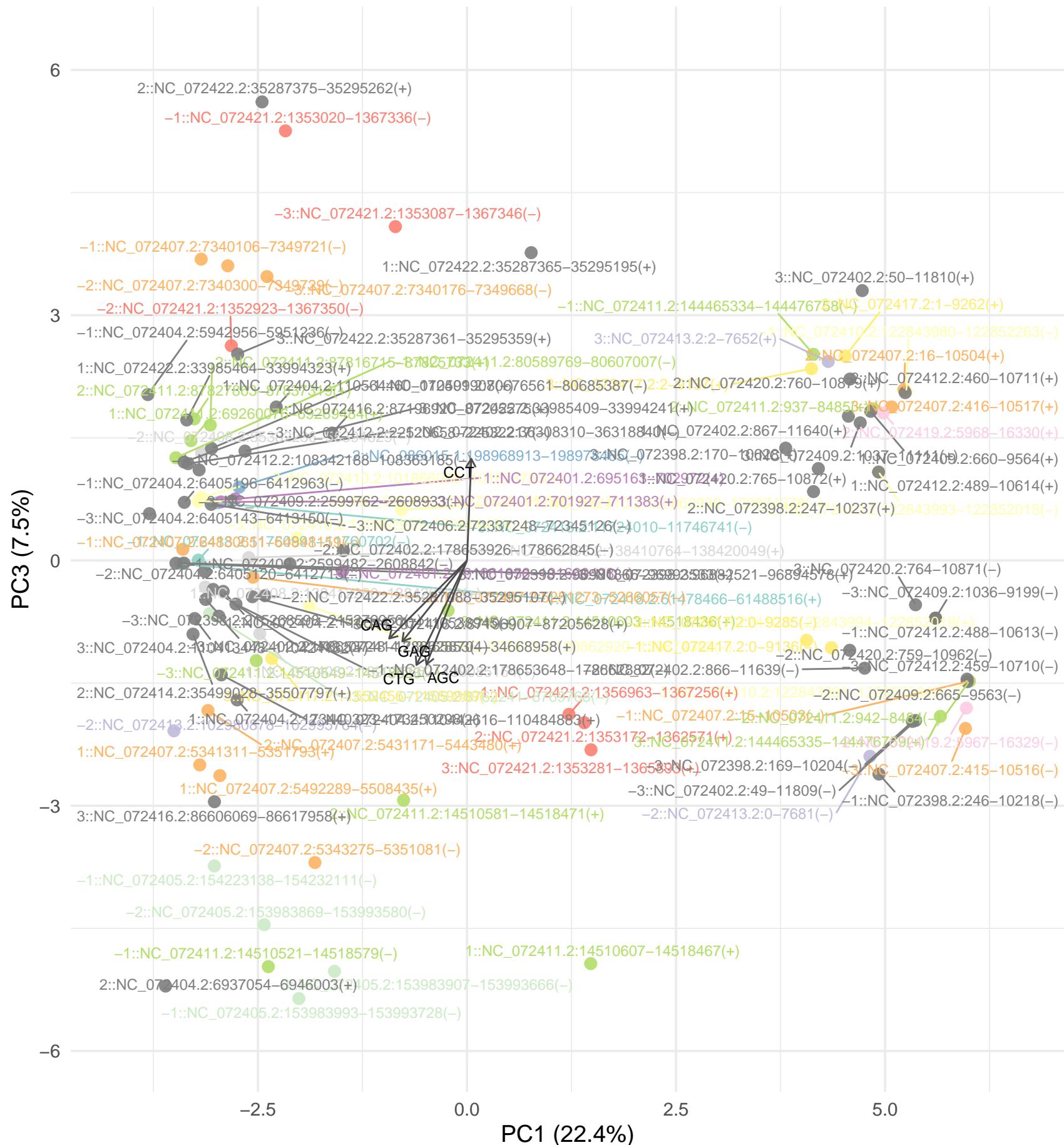


PC1 vs PC3



Clade

- Phylogenetic tree diagram illustrating the relationships between various NC_072400 and NC_086015 strains. The tree is rooted at the bottom left and branches upwards. Nodes are represented by colored circles (black, purple, blue, green, yellow, orange) connected by lines. Leaf nodes are labeled with strain names and their specific variants. Several mutations are highlighted with arrows: 'CC' at the top, 'GAG' in the middle, and 'CTG AGC' below it. A large cluster of strains is labeled 'NC_072400'.