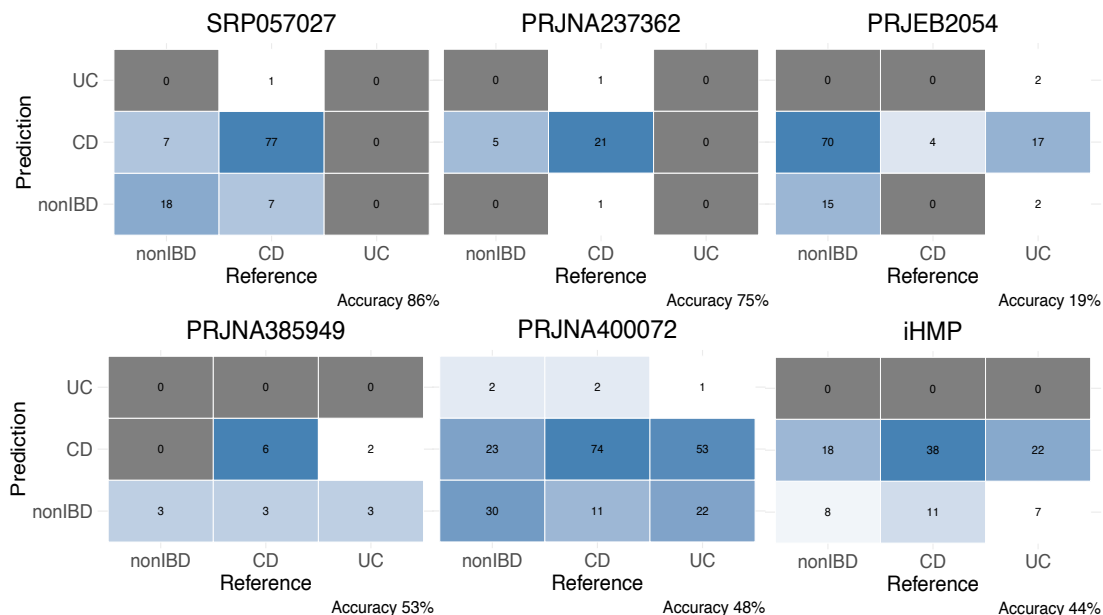


# A core marker gene model



# B k-mer model of core marker genes

