



A phylogenetic tree is shown on the left side of the image, with a green line representing the branches. The tree shows a series of splits, with a major split occurring between the first 15 strains and the last 4 strains. The last 4 strains form a distinct clade. The strains are listed on the right side of the image, with their full names and accession numbers in parentheses. The last strain, *Lacticaseibacillus paracasei* 1001095st2_F6_1025SCRN_200924, is highlighted in blue.

Lacticaseibacillus paracasei VHProbi F22 (GCA_022478075.1)
Lacticaseibacillus paracasei 01 (GCA_024665815.1)
Lacticaseibacillus paracasei 88 (GCA_024999945.1)
Lacticaseibacillus paracasei BD-II (GCA_000194765.1)
Lacticaseibacillus paracasei CIRM-BIA 770 (GCA_025190575.1)
Lacticaseibacillus paracasei DDS12 (GCA_039650495.1)
Lacticaseibacillus paracasei 1001095st2_D7_1025SCRN_200924 (GCA_028321445.1)
Lacticaseibacillus paracasei L45 (GCA_042657205.1)
Lacticaseibacillus paracasei LC2W (GCA_000194785.1)
Lacticaseibacillus paracasei VA02-1AN (GCA_011031945.1)
Lacticaseibacillus paracasei PB5 (GCA_025660485.1)
Lacticaseibacillus paracasei 1001095st2_H2_1025SCRN_200924 (GCA_028320445.1)
Lacticaseibacillus paracasei CBA3611 (GCA_007292115.1)
Lacticaseibacillus paracasei PB6 (GCA_025631055.1)
Lacticaseibacillus paracasei YGRT25 (GCA_041734755.1)
Lacticaseibacillus paracasei DIALYac (GCA_028878155.1)
Lacticaseibacillus paracasei AO356 (GCA_003957435.1)
Lacticaseibacillus paracasei CIRM-BIA 2130 (GCA_025190705.1)
Lacticaseibacillus paracasei CIRM-BIA 1444 (GCA_025190635.1)
Lacticaseibacillus paracasei 1001095st2_F6_1025SCRN_200924 (GCA_039838605.1)