

Phylogenetic tree showing the relationships between 50 MCs (MC25 to MC50) and an outgroup. The tree is rooted at the bottom left. The scale bar indicates 0.05 substitutions per site. Bootstrap values are shown at the nodes: 81 for the root, 94 for the blue clade, 99 for the red clade, and 99 for the yellow clade.

MC25
MC26
MC52
MC43
MC49
MC44
MC24
MC23
MC42
MC59
MC14
MC55
MC20
MC21
MC17
MC48
MC58
MC45
MC54
MC41
MC47
MC56
MC37
MC53
MC28
MC27
MC31
MC29
MC32
MC36
MC38
MC40
MC46
MC39
MC60
MC51
MC50

outgroup

0.05

Phylogenetic tree showing the relationships between 50 MCs (MC14 to MC50). The tree is rooted with MC50 as the outgroup. Bootstrap values are indicated at several nodes: 189 (MC45/MC40), 199 (MC27/MC28), 98 (MC25/MC52), and 178 (MC59/MC14). A scale bar of 0.05 is shown at the bottom.

Phylogenetic tree showing the relationships between 50 MCs (Molecular Clones) and an outgroup. The tree is rooted at the bottom left. The scale bar indicates a distance of 0.1. Bootstrap values are shown at the nodes: 96, 89, 93, 66, 100, 99.

MCs are numbered 1-50. The tree is color-coded into several groups:

- MC41-MC37 (orange)
- MC17-MC20 (purple)
- MC54-MC39 (dark red)
- MC31-MC30 (red)
- MC29-MC26 (pink)
- MC25-MC22 (blue)
- MC23-MC21 (blue)
- MC46-MC42 (blue)
- MC41-MC37 (orange)
- MC17-MC20 (purple)
- MC54-MC39 (dark red)
- MC31-MC30 (red)
- MC29-MC26 (pink)
- MC25-MC22 (blue)
- MC23-MC21 (blue)
- MC46-MC42 (blue)

Phylogenetic tree showing the relationships between 50 MCs (Molecular Clones) and an outgroup. The tree is rooted at the bottom left. The scale bar indicates a distance of 0.07. Bootstrap values are shown at the nodes.

MCs are numbered 1 to 50. The tree is color-coded by group:

- Group 1 (MC43-MC58): Pink
- Group 2 (MC54-MC53): Green
- Group 3 (MC39-MC32): Yellow
- Group 4 (MC29-MC20): Purple
- Group 5 (MC17-MC14): Red
- Group 6 (MC60-MC51): Orange
- Group 7 (MC46-MC52): Blue
- Group 8 (MC24-MC23): Light Blue

Bootstrap values are shown at the nodes: 188, 100, 100, 100, 100, 100, 100, 100.