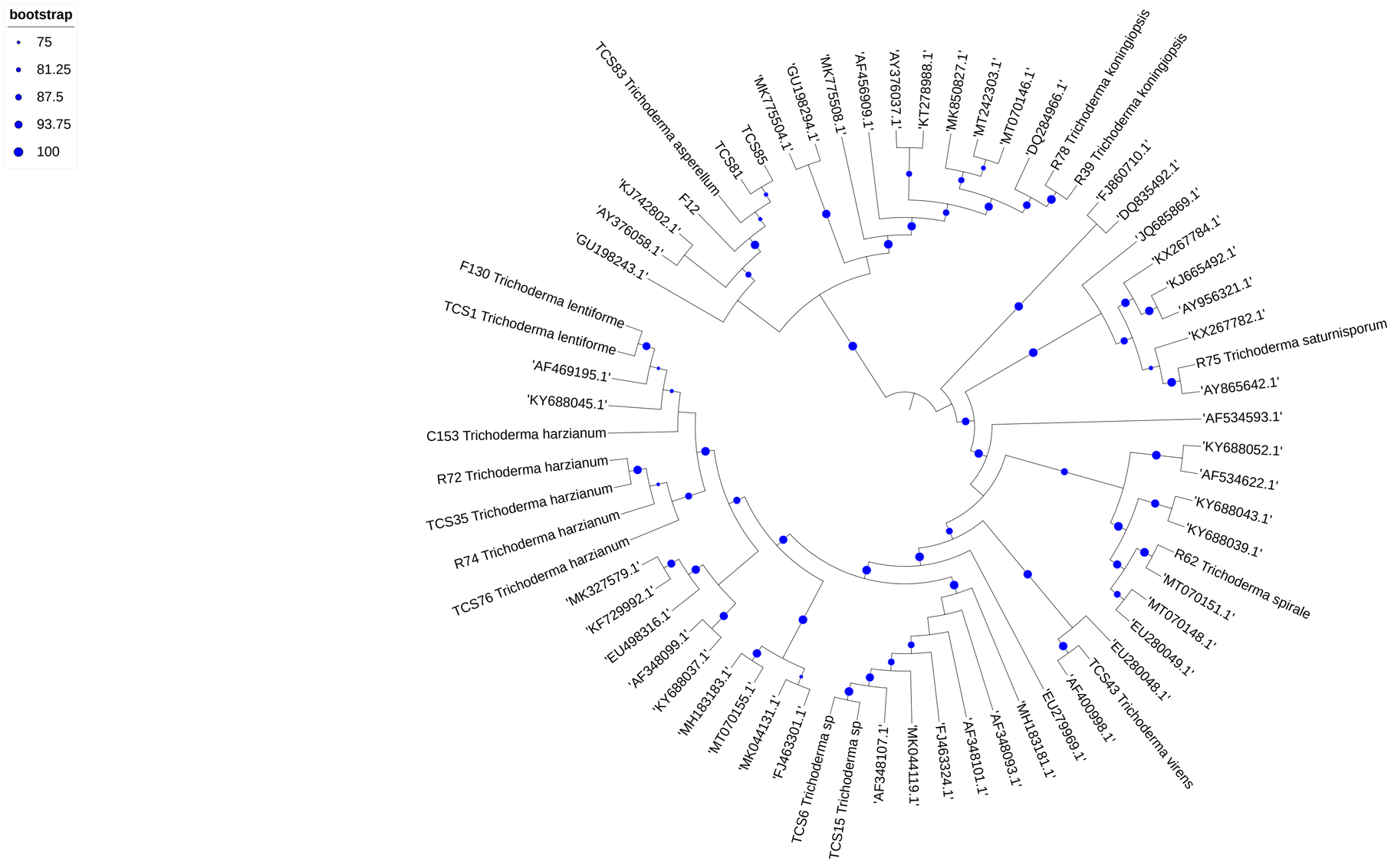
bootstrap

- 75
- 81.25
- 87.5
- 93.75
- 100

'MK084870.1 Trichoderma pseudopyramidale E720'
TCS15 Trichoderma sp
TCS6 Trichoderma sp
TCS1 Trichoderma lentiforme
F130 Trichoderma lentiforme
'AF469191.1 Trichoderma lentiforme GJS 98-6'
'AF442875.1 Trichoderma camerunense GJS 99-230'
'FJ442370.1 Trichoderma afroharzianum GJS 04-186'
'FJ577684.1 Trichoderma harzianum CBS 226.95'
R72 Trichoderma harzianum
TCS76 Trichoderma harzianum
R74 Trichoderma harzianum
TCS35 Trichoderma harzianum
C153 Trichoderma harzianum
'FJ442388.1 Trichoderma afarasin GJS 99-227'
'EU498329.1 Trichoderma brunneoviride CBS122130'
R62 Trichoderma spirale
TCS43 Trichoderma virens
'FJ442401.1 Trichoderma ceramicum GJS 88-70'
'JQ349444.1 Trichoderma saturnisporopsis TR 175'
R75 Trichoderma saturnisporum
'JN175412.1 Trichoderma andinense GJS 90-140'
TCS83 Trichoderma asperellum
TCS81
F12 Trichoderma asperellum
'DQ379005.1 Trichoderma ovalisporum Dis 70a'
'DQ367686.1 Trichoderma koningii GJS 96-117'
R78 Trichoderma koningiopsis
R39 Trichoderma koningiopsis
'KX267774.1 Trichoderma beinartii PPRI 19281'
'KX267775.1 Trichoderma chetii PPRI 19363'
TCS85


bootstrap
75
81.25
87.5
93.75
100
TCS83 Trichoderma asperellum
TCS81
TCS85
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R75 Trichoderma saturnisporum
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R62 Trichoderma spirale
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TCS76 Trichoderma harzianum
R74 Trichoderma harzianum
TCS35 Trichoderma harzianum
R72 Trichoderma harzianum
C153 Trichoderma harzianum
'KY688045.1'
'AF469195.1'
TCS1 Trichoderma lentiforme
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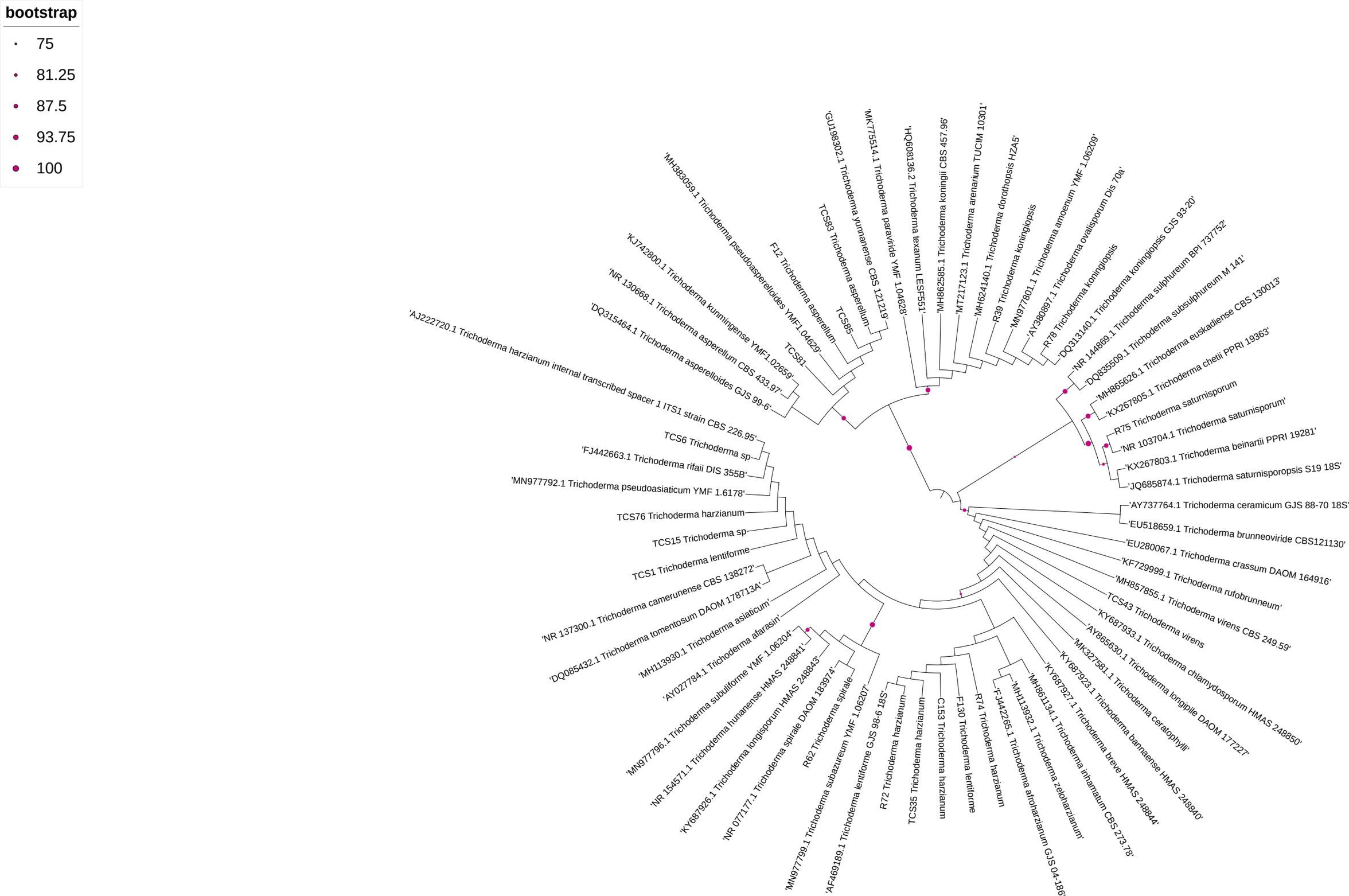
bootstrap
75
81.25
87.5
93.75
100
'MH383059.1 Trichoderma pseudoasperelloides YMF1.04629'
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'NR 130668.1 Trichoderma asperellum CBS 433.97'
'DQ315464.1 Trichoderma asperelloides GJS 99-6'
'AJ222720.1 Trichoderma harzianum internal transcribed spacer 1 ITS1 strain CBS 226.95'
TCS6 Trichoderma sp
'FJ442663.1 Trichoderma rifaii DIS 355B'
'MN977792.1 Trichoderma pseudoasiaticum YMF 1.6178'
TCS76 Trichoderma harzianum
TCS15 Trichoderma sp
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'NR 137300.1 Trichoderma camerunense CBS 138272'
'DQ085432.1 Trichoderma tomentosum DAOM 178713A'
'MH113930.1 Trichoderma asiaticum'
'AY027784.1 Trichoderma afarasin'
'MN977796.1 Trichoderma subuliforme YMF 1.06204'
'NR 154571.1 Trichoderma hunanense HMAS 248841'
'KY687926.1 Trichoderma longisporum HMAS 248843'
'NR 077177.1 Trichoderma spirale DAOM 183974'
R62 Trichoderma spirale
'MN977799.1 Trichoderma subazureum YMF 1.06207'
'AF469189.1 Trichoderma lentiforme GJS 98-6 18S'
R72 Trichoderma harzianum
TCS35 Trichoderma harzianum
C153 Trichoderma harzianum
F130 Trichoderma lentiforme
R74 Trichoderma harzianum
'FJ442265.1 Trichoderma afroharzianum GJS 04-186'
'MH113932.1 Trichoderma zeloharzianum'
'MH861334.1 Trichoderma inhamatum CBS 273.78'
'KY687927.1 Trichoderma breve HMAS 248844'
'KY687923.1 Trichoderma bannaense HMAS 248840'
'MK327581.1 Trichoderma ceratophylli'
'AY865630.1 Trichoderma chlamydosporum HMAS 248850'
'KY687933.1 Trichoderma longipile DAOM 177227'
TCS43 Trichoderma virens
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'KF729999.1 Trichoderma rufobrunneum'
'EU280067.1 Trichoderma crassum DAOM 164916'
'EU518659.1 Trichoderma brunneoviride CBS121130'
'AY737764.1 Trichoderma ceramicum GJS 88-70 18S'
'JQ685874.1 Trichoderma saturnisporopsis S19 18S'
'KX267803.1 Trichoderma beinartii PPRI 19281'
'NR 103704.1 Trichoderma saturnisporum'
R75 Trichoderma saturnisporum
'KX267805.1 Trichoderma chetii PPRI 19363'
'MH865626.1 Trichoderma euskadiense CBS 130013'
'DQ835509.1 Trichoderma subsulphureum M 141'
'NR 144869.1 Trichoderma koningiopsis GJS 93-20'
'DQ313140.1 Trichoderma koningiopsis BPI 737752'
R78 Trichoderma koningiopsis
'AY380897.1 Trichoderma ovalisporum Dis 70a'
'MN977801.1 Trichoderma amoenum YMF 1.06209'
R39 Trichoderma koningiopsis
'MH624140.1 Trichoderma dorothopsis HZA5'
'MT217123.1 Trichoderma arenarium TUCIM 10301'
'MH862585.1 Trichoderma koningii CBS 457.96'
'HQ608136.2 Trichoderma texanum LESF551'
'MK775514.1 Trichoderma paraviride YMF 1.04628'
'GU198302.1 Trichoderma yunnanense CBS 121219'
TCS83 Trichoderma asperellum
TCS85
F12 Trichoderma asperellum
TCS81

Supplementary Material: Top image: CaM-based ML phylogeny; Middle image: Tef-based ML phylogeny; Bottom image:ITS-based ML phylogeny.