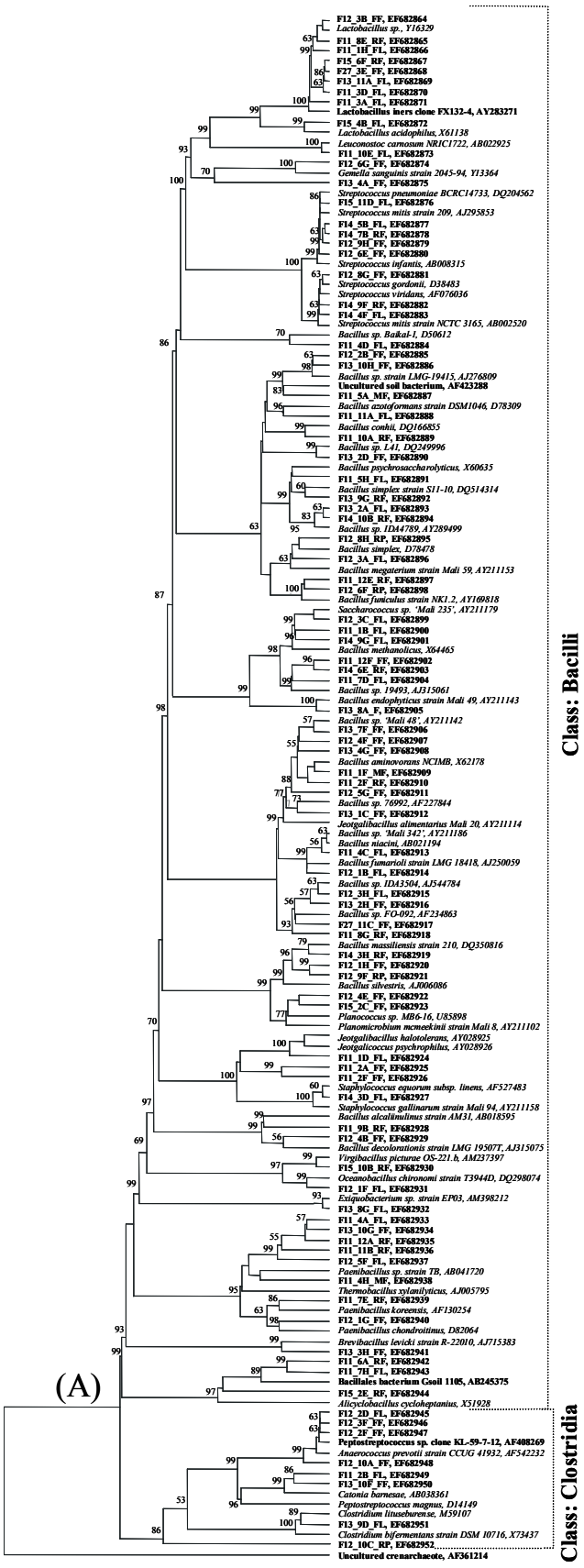
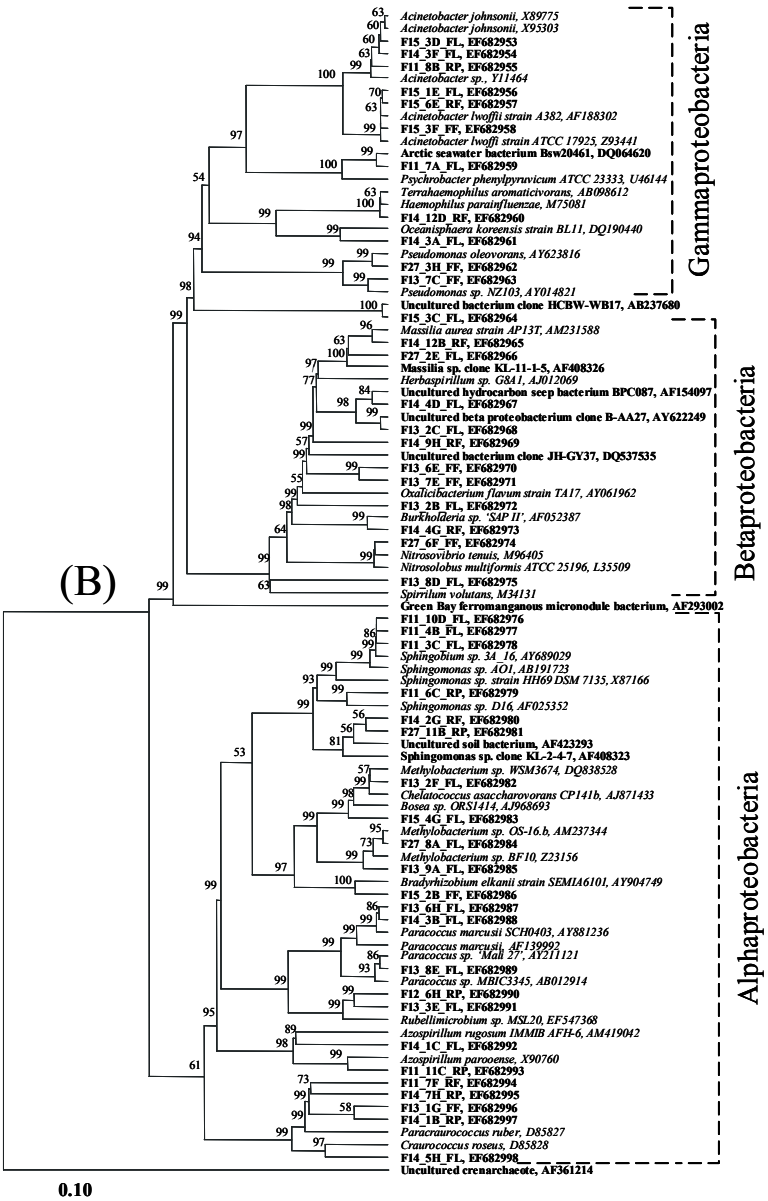
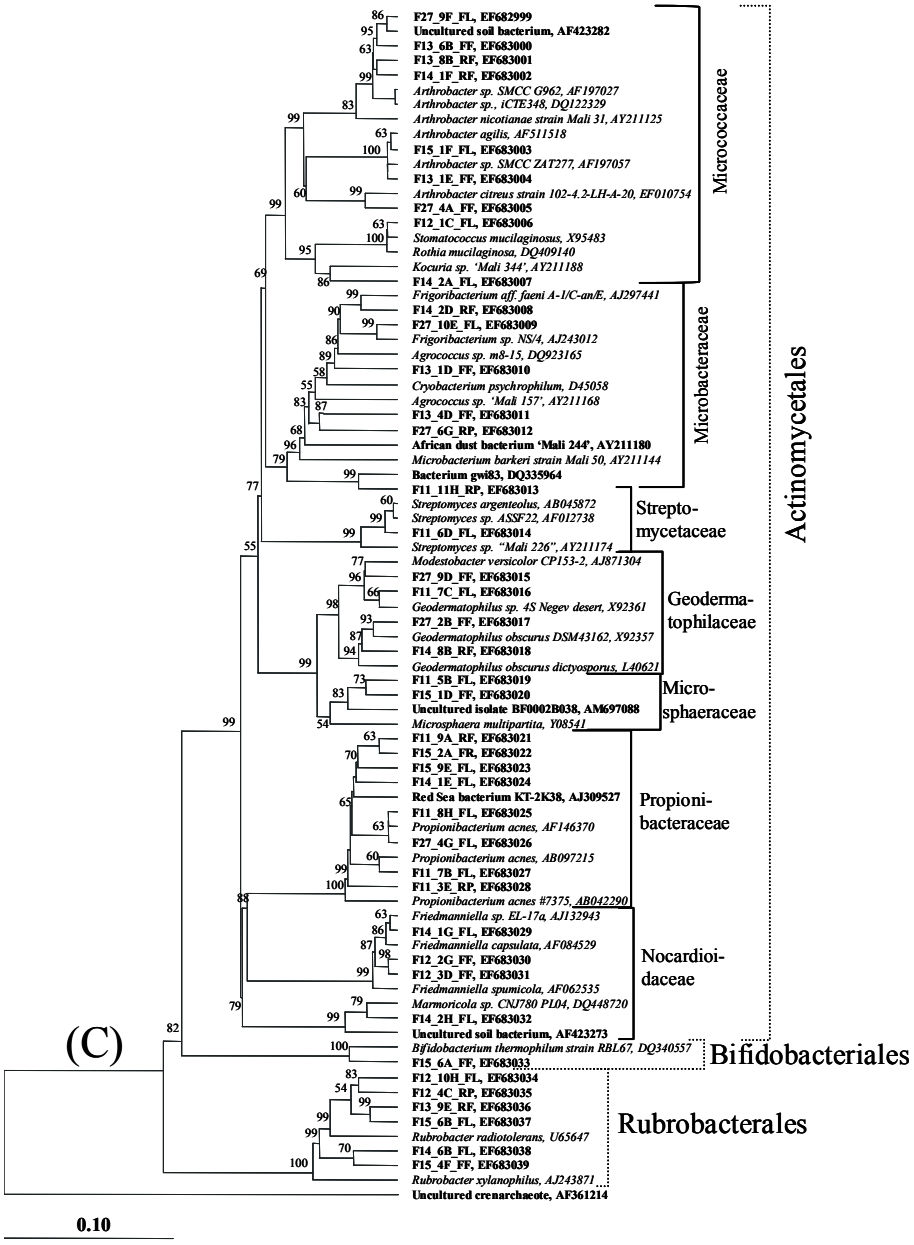
Supplemental Material



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F27_9F_FL, EF682999
Uncultured soil bacterium, AF423282
F13_6B_FF, EF683000
F13_8B_RF, EF683001
F14_1F_RF, EF683002
Arthrobacter sp. SMCC G962, AF197027
Arthrobacter sp., iCTE348, DQ122329
Arthrobacter nicotianae strain Mali 31, AY211125
Arthrobacter agilis, AF511518
F15_1F_FL, EF683003
Arthrobacter sp. SMCC ZAT277, AF197057
F13_1E_FF, EF683004
Arthrobacter citreus strain 102-4.2-LH-A-20, EF010754
F27_4A_FF, EF683005
F12_1C_FL, EF683006
Stomatococcus mucilaginosus, X95483
Rothia mucilaginosa, DQ409140
Kocuria sp. 'Mali 344', AY211188
F14_2A_FL, EF683007
Frigoribacterium aff. faeni A-1/C-an/E, AJ297441
F14_2D_RF, EF683008
F27_10E_FL, EF683009
Frigoribacterium sp. NS/4, AJ243012
Agrococcus sp. m8-15, DQ923165
F13_1D_FF, EF683010
Cryobacterium psychrophilum, D45058
Agrococcus sp. 'Mali 157', AY211168
F13_4D_FF, EF683011
F27_6G_RP, EF683012
African dust bacterium 'Mali 244', AY211180
Microbacterium barkeri strain Mali 50, AY211144
Bacterium gwi83, DQ335964
F11_11H_RP, EF683013
Streptomyces argenteolus, AB045872
Streptomyces sp. ASSF22, AF012738
F11_6D_FL, EF683014
Streptomyces sp. "Mali 226", AY211174
Modestobacter versicolor CP153-2, AJ871304
F27_9D_FF, EF683015
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Geodermatophilus sp. 4S Negev desert, X92361
F27_2B_FF, EF683017
Geodermatophilus obscurus DSM43162, X92357
F14_8B_RF, EF683018
Geodermatophilus obscurus dictyosporus, L40621
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F15_1D_FF, EF683020
Uncultured isolate BF0002B038, AM697088
Microsphaera multipartita, Y08541
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F15_2A_FR, EF683022
F15_9E_FL, EF683023
F14_1E_FL, EF683024
Red Sea bacterium KT-2K38, AJ309527
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Propionibacterium acnes, AF146370
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Propionibacterium acnes, AB097215
F11_7B_FL, EF683027
F11_3E_RP, EF683028
Propionibacterium acnes #7375, AB042290
Friedmanniella sp. EL-17a, AJ132943
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Friedmanniella capsulata, AF084529
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F12_3D_FF, EF683031
Friedmanniella spumicola, AF062535
Marmoricola sp. CNJ780 P104, DQ448720
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Uncultured soil bacterium, AF423273
Bifidobacterium thermophilum strain RBL67, DQ340557
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F13_9E_RF, EF683036
F15_6B_FL, EF683037
Rubrobacter radiotolerans, U65647
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Rubrobacter xylanophilus, AJ243871
Uncultured crenarchaeote, AF361214
Micrococcaceae
Microbacteraceae
Strepto-
mycetaceae
Geoderma-
tophilaceae
Micro-
sphaeraceae
Propioni-
bacteraceae
Nocardioi-
daceae
Actinomycetales
Bifidobacteriales
Rubrobacterales
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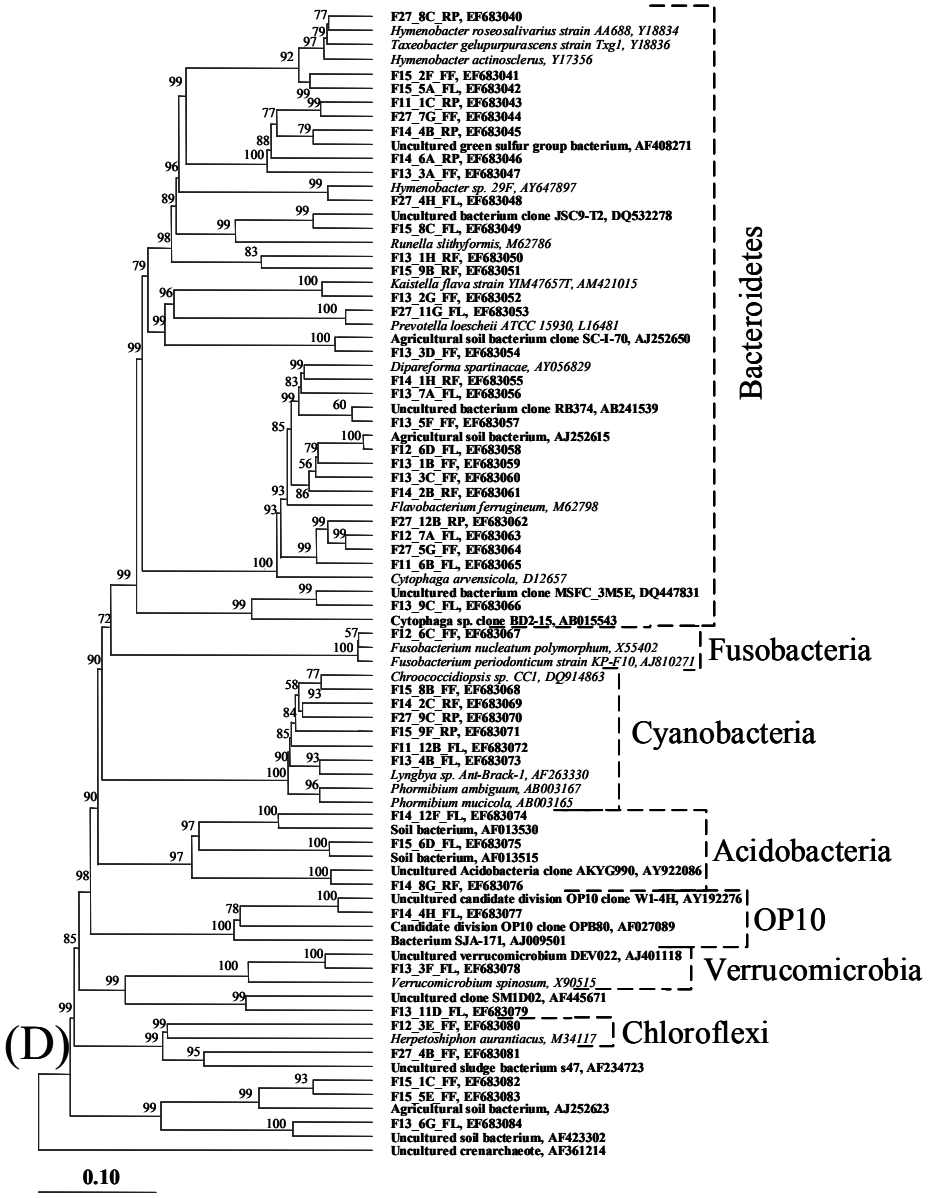
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Taxeobacter gelupurpurascens strain Txg1, Y18836
Hymenobacter actinosclerus, Y17356
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F27_7G_FF, EF683044
F14_4B_RP, EF683045
Uncultured green sulfur group bacterium, AF408271
F14_6A_RP, EF683046
F13_3A_FF, EF683047
Hymenobacter sp. 29F, AY647897
F27_4H_FL, EF683048
Uncultured bacterium clone JSC9-T2, DQ532278
F15_8C_FL, EF683049
Runella slithyformis, M62786
F13_1H_RF, EF683050
F15_9B_RF, EF683051
Kaistella flava strain YIM47657T, AM421015
F13_2G_FF, EF683052
F27_11G_FL, EF683053
Prevotella loescheii ATCC 15930, L16481
Agricultural soil bacterium clone SC-I-70, AJ252650
F13_3D_FF, EF683054
Dipareforma spartinacae, AY056829
F14_1H_RF, EF683055
F13_7A_FL, EF683056
Uncultured bacterium clone RB374, AB241539
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Agricultural soil bacterium, AJ252615
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F14_2B_RF, EF683061
Flavobacterium ferrugineum, M62798
F27_12B_RP, EF683062
F12_7A_FL, EF683063
F27_5G_FF, EF683064
F11_6B_FL, EF683065
Cytophaga arvensicola, D12657
Uncultured bacterium clone MSFC_3M5E, DQ447831
F13_9C_FL, EF683066
Cytophaga sp. clone BD2-15, AB015543
F12_6C_FF, EF683067
Fusobacterium nucleatum polymorphum, X55402
Fusobacterium periodonticum strain KP-F10, AJ810271
Chroococcidiopsis sp. CC1, DQ914863
F15_8B_FF, EF683068
F14_2C_RF, EF683069
F27_9C_RP, EF683070
F15_9F_RP, EF683071
F11_12B_FL, EF683072
F13_4B_FL, EF683073
Lyngbya sp. Ant-Brack-1, AF263330
Phormibium ambiguum, AB003167
Phormibium mucicola, AB003165
F14_12F_FL, EF683074
Soil bacterium, AF013530
F15_6D_FL, EF683075
Soil bacterium, AF013515
Uncultured Acidobacteria clone AKYG990, AY922086
F14_8G_RF, EF683076
Uncultured candidate division OP10 clone W1-4H, AY192276
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Candidate division OP10 clone OPB80, AF027089
Bacterium SJA-171, AJ009501
Uncultured verrucomicrobium DEV022, AJ401118
F13_3F_FL, EF683078
Verrucomicrobium spinosum, X90515
Uncultured clone SM1D02, AF445671
F13_11D_FL, EF683079
F12_3E_FF, EF683080
Herpetoshiphon aurantiacus, M34117
F27_4B_FF, EF683081
Uncultured sludge bacterium s47, AF234723
F15_1C_FF, EF683082
F15_5E_FF, EF683083
Agricultural soil bacterium, AJ252623
F13_6G_FL, EF683084
Uncultured soil bacterium, AF423302
Uncultured crenarchaeote, AF361214
Bacteroidetes
Fusobacteria
Cyanobacteria
Acidobacteria
OP10
Verrucomicrobia
Chloroflexi
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