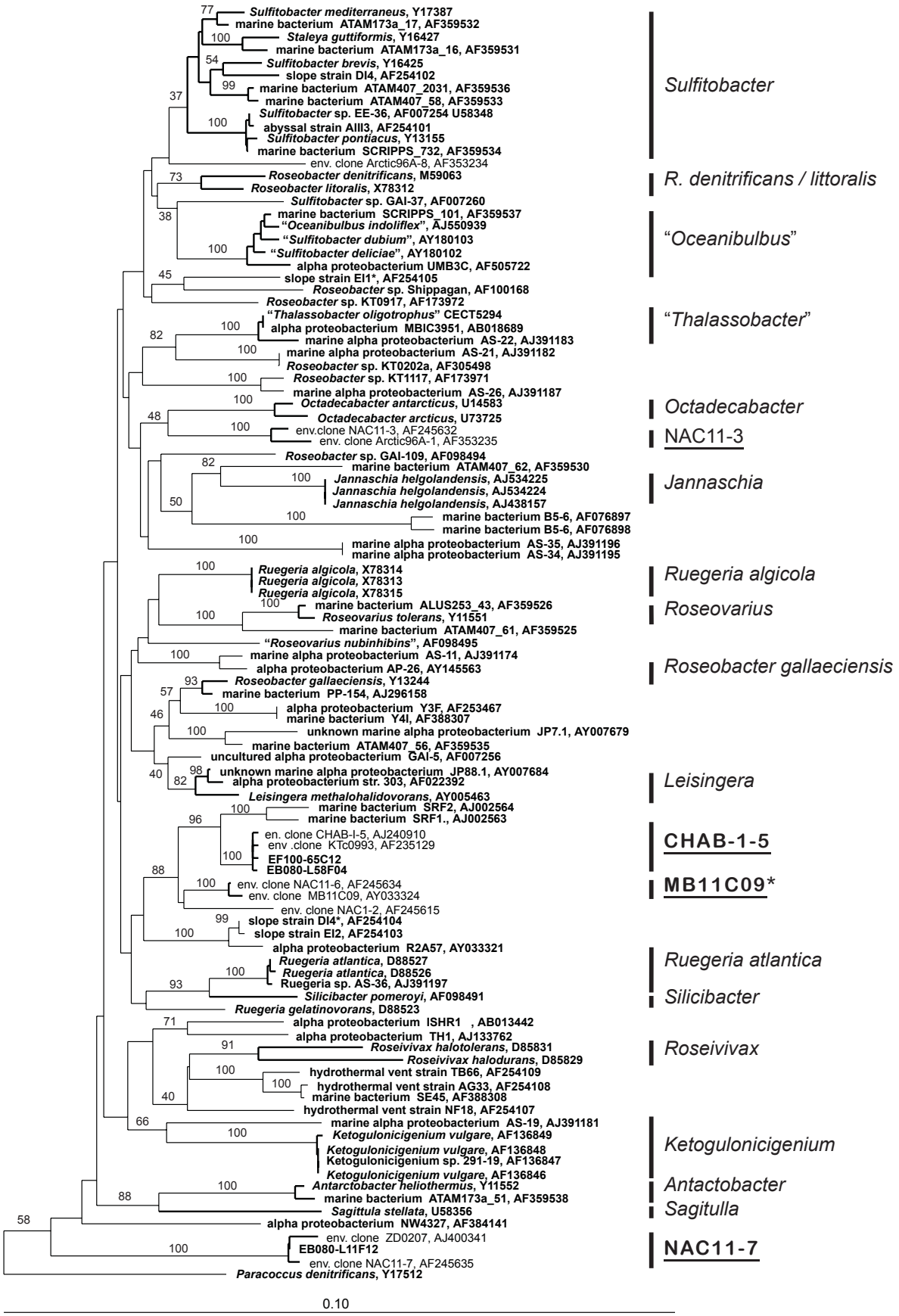
Sulfitobacter mediterraneus, Y17387
marine bacterium ATAM173a_17, AF359532
Staleya guttiformis, Y16427
marine bacterium ATAM173a_16, AF359531
Sulfitobacter brevis, Y16425
slope strain DI4, AF254102
marine bacterium ATAM407_2031, AF359536
marine bacterium ATAM407_58, AF359533
Sulfitobacter sp. EE-36, AF007254 U58348
abyssal strain AIII3, AF254101
Sulfitobacter pontiacus, Y13155
marine bacterium SCRIPPS_732, AF359534
env. clone Arctic96A-8, AF353234
Roseobacter denitrificans, M59063
Roseobacter litoralis, X78312
Sulfitobacter sp. GAI-37, AF007260
marine bacterium SCRIPPS_101, AF359537
"Oceanibulbus indoliflex", AJ550939
"Sulfitobacter dubium", AY180103
"Sulfitobacter deliciae", AY180102
alpha proteobacterium UMB3C, AF505722
slope strain EI1*, AF254105
Roseobacter sp. Shippagan, AF100168
Roseobacter sp. KT0917, AF173972
"Thalassobacter oligotrophus" CECT5294
alpha proteobacterium MBIC3951, AB018689
marine alpha proteobacterium AS-22, AJ391183
marine alpha proteobacterium AS-21, AJ391182
Roseobacter sp. KT0202a, AF305498
Roseobacter sp. KT1117, AF173971
marine alpha proteobacterium AS-26, AJ391187
Octadecabacter antarcticus, U14583
Octadecabacter arcticus, U73725
env.clone NAC11-3, AF245632
env. clone Arctic96A-1, AF353235
Roseobacter sp. GAI-109, AF098494
marine bacterium ATAM407_62, AF359530
Jannaschia helgolandensis, AJ534225
Jannaschia helgolandensis, AJ534224
Jannaschia helgolandensis, AJ438157
marine bacterium B5-6, AF076897
marine bacterium B5-6, AF076898
marine alpha proteobacterium AS-35, AJ391196
marine alpha proteobacterium AS-34, AJ391195
Ruegeria algicola, X78314
Ruegeria algicola, X78313
Ruegeria algicola, X78315
marine bacterium ALUS253_43, AF359526
Roseovarius tolerans, Y11551
marine bacterium ATAM407_61, AF359525
"Roseovarius nubinhibins", AF098495
marine alpha proteobacterium AS-11, AJ391174
alpha proteobacterium AP-26, AY145563
Roseobacter gallaeciensis, Y13244
marine bacterium PP-154, AJ296158
alpha proteobacterium Y3F, AF253467
marine bacterium Y4I, AF388307
unknown marine alpha proteobacterium JP7.1, AY007679
marine bacterium ATAM407_56, AF359535
uncultured alpha proteobacterium GAI-5, AF007256
unknown marine alpha proteobacterium JP88.1, AY007684
alpha proteobacterium str. 303, AF022392
Leisingera methylohalidovorans, AY005463
marine bacterium SRF2, AJ002564
marine bacterium SRF1., AJ002563
en. clone CHAB-I-5, AJ240910
env .clone KTc0993, AF235129
EF100-65C12
EB080-L58F04
env. clone NAC11-6, AF245634
env. clone MB11C09, AY033324
env. clone NAC1-2, AF245615
slope strain DI4*, AF254104
slope strain EI2, AF254103
alpha proteobacterium R2A57, AY033321
Ruegeria atlantica, D88527
Ruegeria atlantica, D88526
Ruegeria sp. AS-36, AJ391197
Silicibacter pomeroyi, AF098491
Ruegeria gelatinovorans, D88523
alpha proteobacterium ISHR1 , AB013442
alpha proteobacterium TH1, AJ133762
Roseivivax halotolerans, D85831
Roseivivax halodurans, D85829
hydrothermal vent strain TB66, AF254109
hydrothermal vent strain AG33, AF254108
marine bacterium SE45, AF388308
hydrothermal vent strain NF18, AF254107
marine alpha proteobacterium AS-19, AJ391181
Ketogulonicigenium vulgare, AF136849
Ketogulonicigenium vulgare, AF136848
Ketogulonicigenium sp. 291-19, AF136847
Ketogulonicigenium vulgare, AF136846
Antarctobacter heliothermus, Y11552
marine bacterium ATAM173a_51, AF359538
Sagittula stellata, U58356
alpha proteobacterium NW4327, AF384141
env. clone ZD0207, AJ400341
EB080-L11F12
env. clone NAC11-7, AF245635
Paracoccus denitrificans, Y17512
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Sulfitobacter
R. denitrificans / littoralis
"Oceanibulbus"
"Thalassobacter"
Octadecabacter
NAC11-3
Jannaschia
Ruegeria algicola
Roseovarius
Roseobacter gallaeciensis
Leisingera
CHAB-1-5
MB11C09*
Ruegeria atlantica
Silicibacter
Roseivivax
Ketogulonicigenium
Antactobacter
Sagitulla
NAC11-7

Figure 2