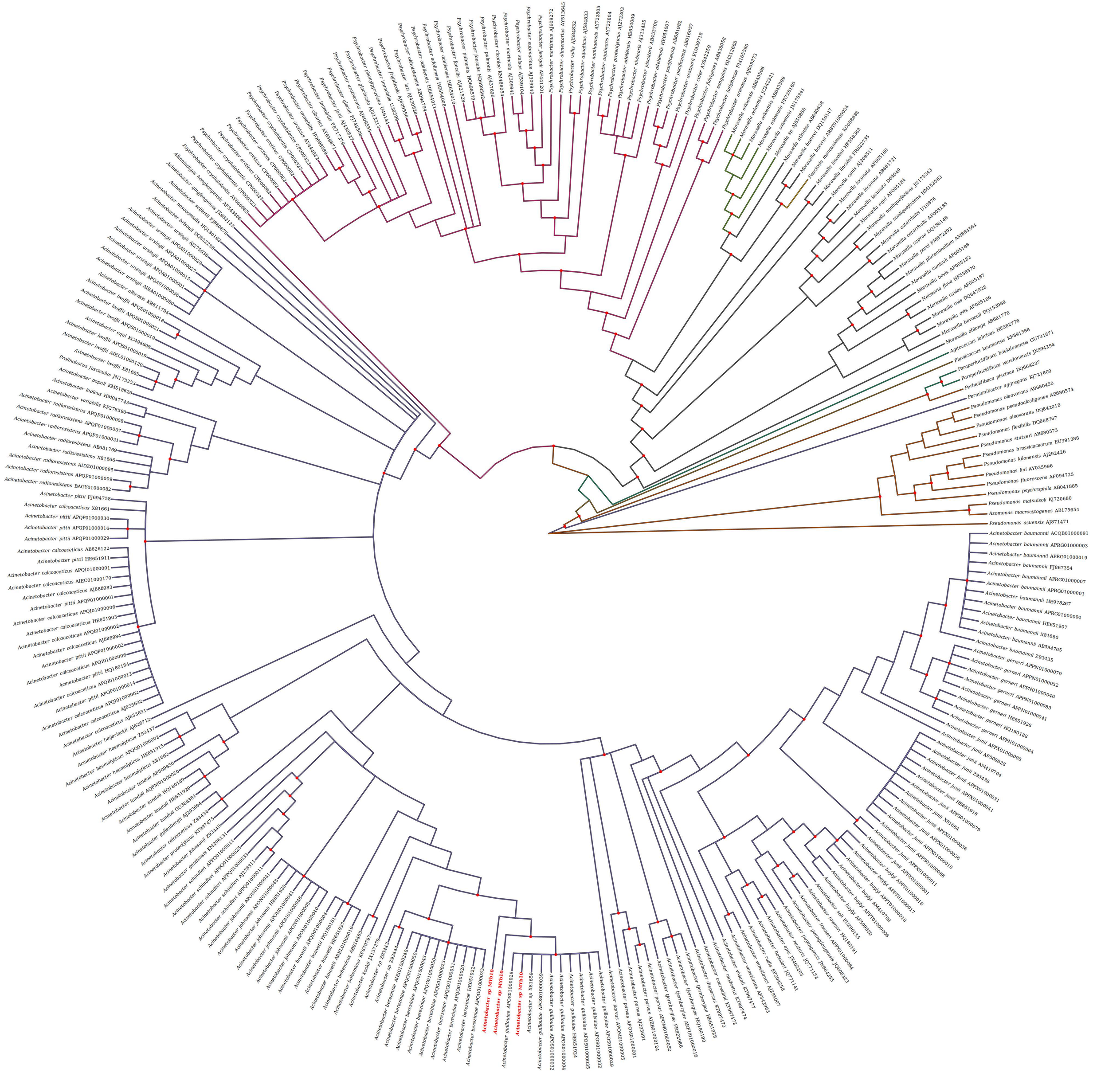
Burkholderiaceae

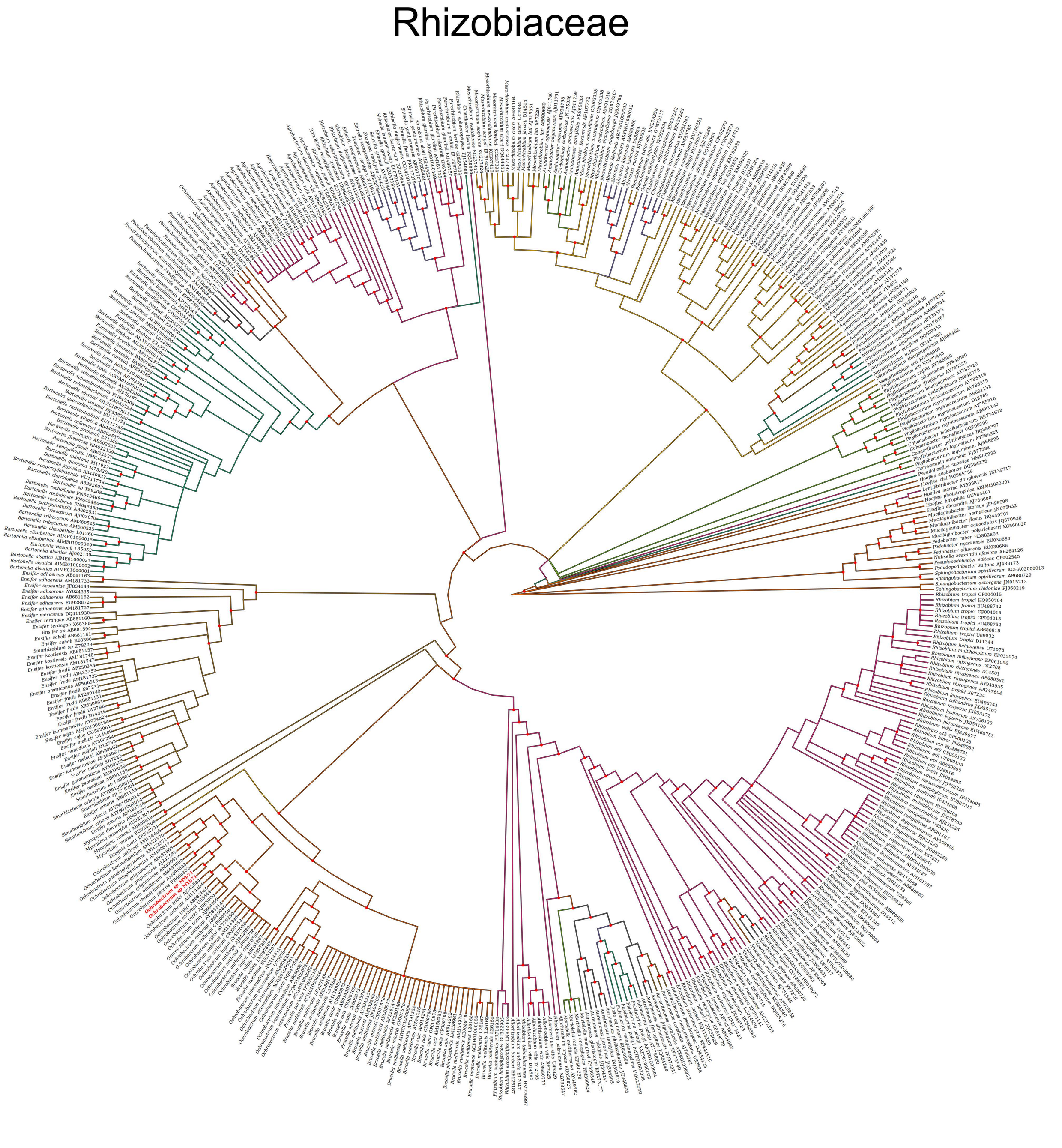
Enterobacteriaceae

Moraxellaceae

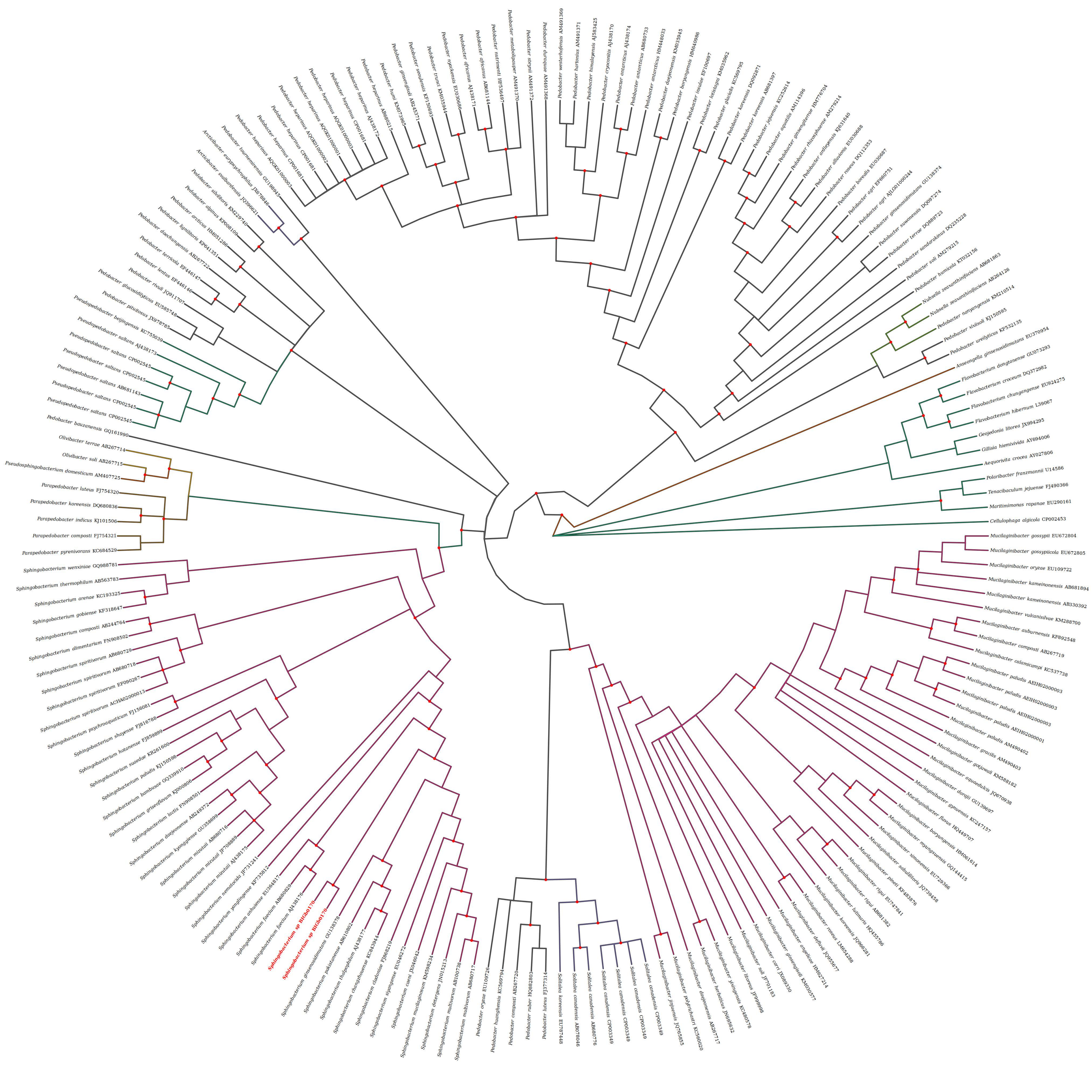


Pseudomonadaceae

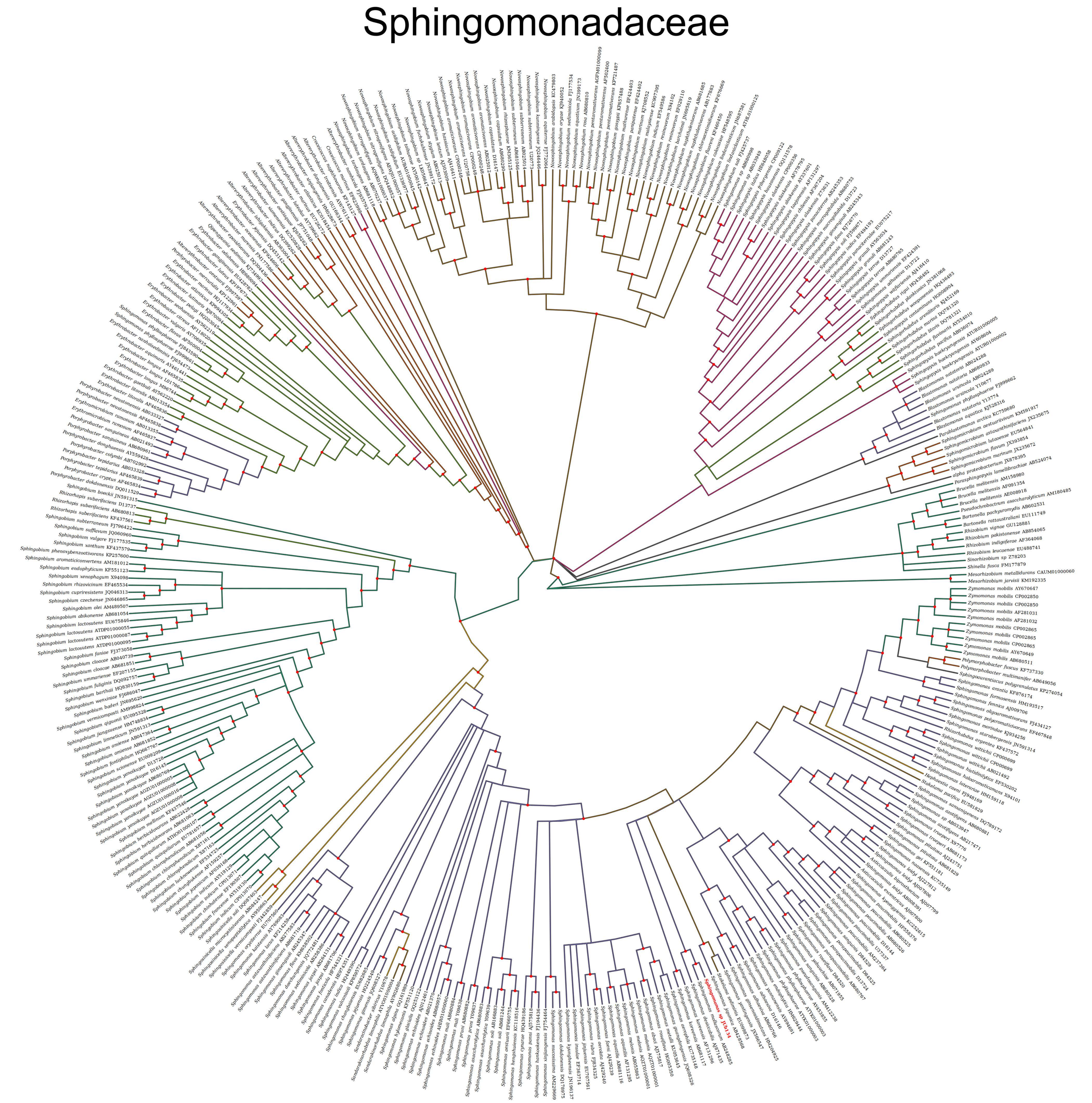
Rhizobiaceae


Cicerbacter lindaniclasticus FJ154088
Mesorhizobium waitakense JQ230000
Mesorhizobium sophorae KC237413
Mesorhizobium septentrionale KC237424
Mesorhizobium newzealandense KC237425
Mesorhizobium kowhaii KC237394
Mesorhizobium cantuariense KC237397
Mesorhizobium ciceri AB681164
Mesorhizobium cicero U07934
Mesorhizobium jarvisii D14514
Mesorhizobium loti AJ315351
Mesorhizobium loti X67229
Mesorhizobium loti AB680660
Aminobacter aganoensis AJ011760
Aminobacter niigataensis AJ011761
Aminobacter ciceronei AF034798
Carbophilus carboxidus JN175336
Aminobacter aminovorans AJ011759
Aminobacter anthyllidis FR869633
Aminobacter lissarensis AF107722
Mesorhizobium australicum CP003358
Mesorhizobium australicum AY601516
Mesorhizobium shangrilense EU074203
Ahrensia kielensis ARFW01000003
Ahrensia kielensis AB680966
Ahrensia kielensis DB0324
Pseudahrensia aquimaris GU572117
Chelatobacter heintzii KF982604
Chelatobacter gellanilyticus KF457242
Chelatobacter oligotrophicus EF457243
Mesorhizobium camelthorni EU568783
Mesorhizobium alhagi EU169578
Mesorhizobium albiziae DQ100066
Mesorhizobium opportunistum CP002279
Mesorhizobium opportunistum CP002279
Mesorhizobium jarvisii AJ315352
Mesorhizobium huakuii D13431
Mesorhizobium huakuii AB680816
Mesorhizobium plurifarium Y14158
Mesorhizobium plurifarium AB681835
Mesorhizobium amorphae GQ847899
Mesorhizobium amorphae AF041442
Mesorhizobium septentrionale AB681833
Mesorhizobium temperatum AF508208
Mesorhizobium mediterraneum AM181745
Mesorhizobium mediterraneum AB681834
Mesorhizobium abyssinicae GQ847896
Mesorhizobium tamadayense EU398698
Mesorhizobium gobiense EF035064
Mesorhizobium metallidurans CAUM01000060
Mesorhizobium metallidurans AB681836
Mesorhizobium tianshanense AF041447
Mesorhizobium tianshanense U71079
Mesorhizobium tarmense EF035058
Mesorhizobium robiniae EU849582
Mesorhizobium mediterranei L39815
Mesorhizobium mediterranei HQ316710
Mesorhizobium loti AB680812
Mesorhizobium loti AB680807
Mesorhizobium loti AB680808
Mesorhizobium loti AB680809
Mesorhizobium loti AB680810
Mesorhizobium loti AB680811
Mesorhizobium loti AB680812
Mesorhizobium loti AB680813
Mesorhizobium loti AB680814
Mesorhizobium loti AB680815
Mesorhizobium loti AB680816
Mesorhizobium loti AB680817
Mesorhizobium loti AB680818
Mesorhizobium loti AB680819
Mesorhizobium loti

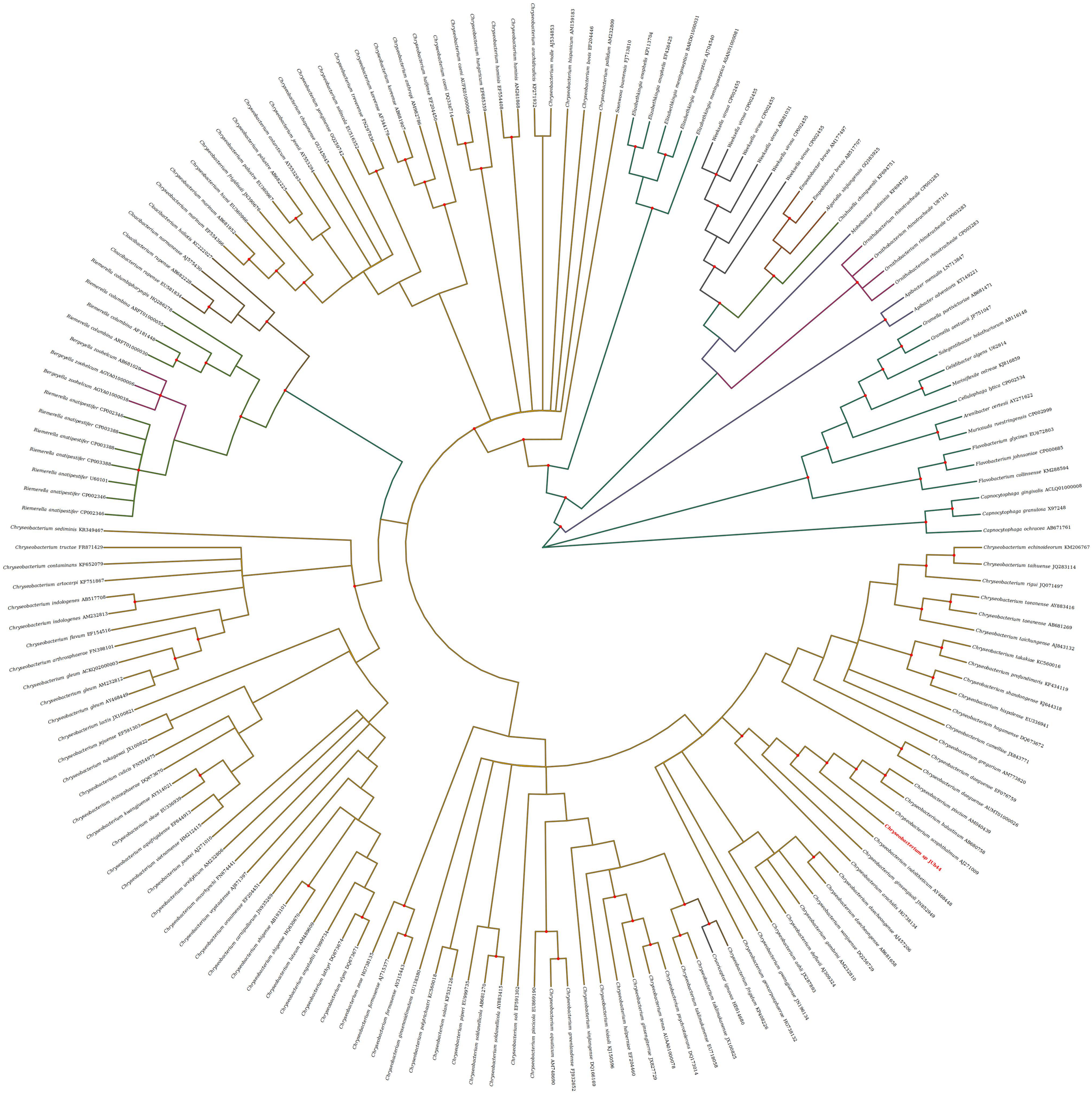
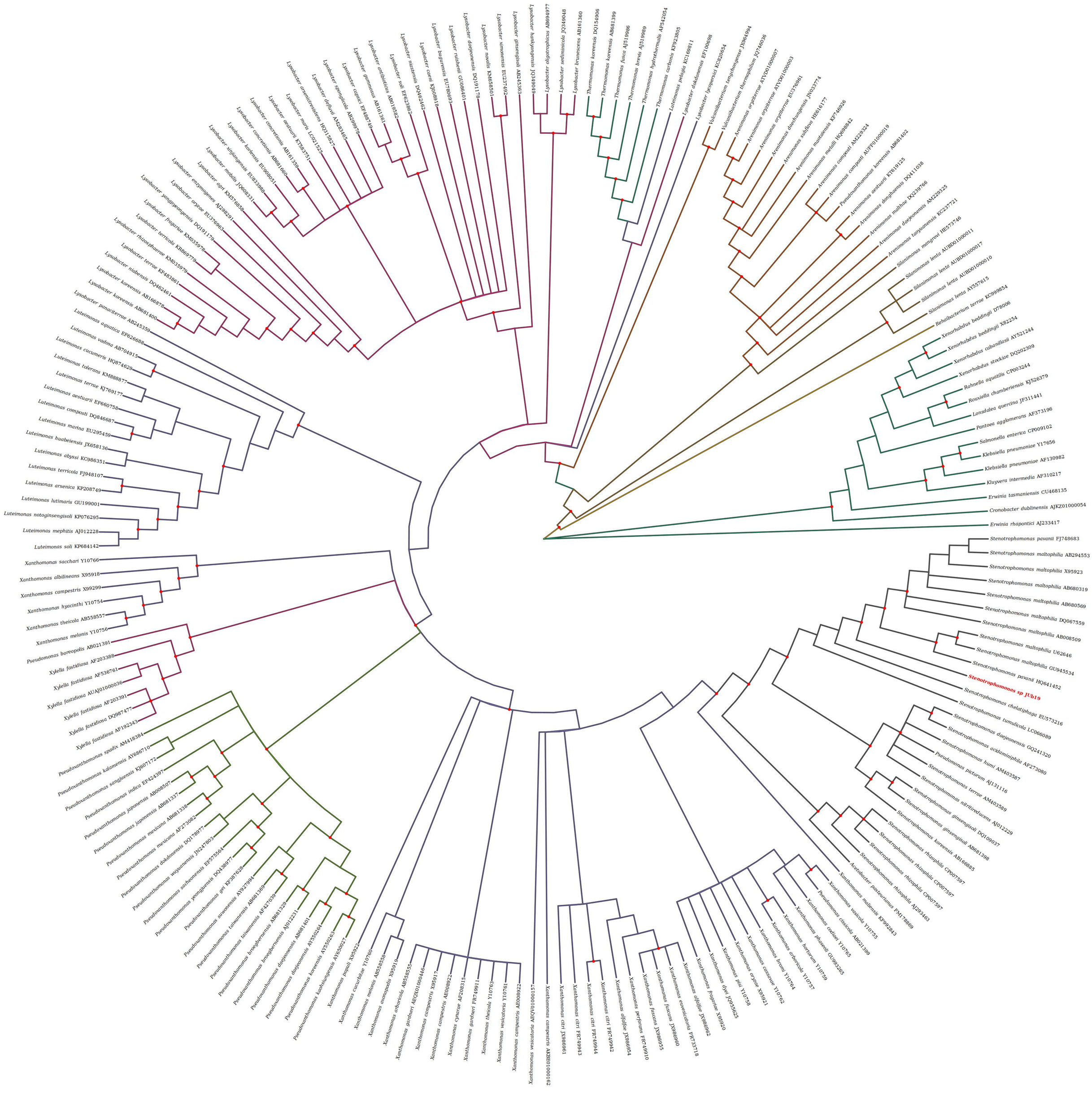
Sphingobacteriaceae



Sphingomonadaceae


Novosphingobium arabidopsis KC479803
Novosphingobium oryzae KJ940052
Novosphingobium sediminicola FJ177534
Novosphingobium aquaticum JN399173
Novosphingobium rosa AB680810
Novosphingobium pentaromativorans AGFM01000099
Novosphingobium pentaromativorans AF502400
Novosphingobium pentaromativorans KP721487
Novosphingobium gossypii KP637488
Novosphingobium mathurense EF424403
Novosphingobium mathurense EF424402
Novosphingobium mathurense KJ708352
Novosphingobium malaysiense KC907395
Novosphingobium indicum EF349586
Novosphingobium resinovorum X94102
Novosphingobium barchaimii JN695619
Novosphingobium naphthalenivorans AB681685
Novosphingobium chloroacetamidivorans AB177883
Novosphingobium fluorens KF460450
Novosphingobium lindaniclasticum HF546595
Sphingomonas soli FJ425737
Sphingopyxis litalica HE648058
Sphingopyxis fribergensis CP009122
Sphingopyxis baekryungensis GQ131578
Sphingopyxis alaskensis CP000356
Sphingopyxis alaskensis AY337601
Sphingopyxis alaskensis AF378795
Sphingopyxis chilensis AF131297
Sphingopyxis panaciterrae AB245353
Sphingopyxis macrogoltabida AB680753
Sphingopyxis taejonensis AF367204
Sphingopyxis ginsengisoli D13723
Sphingopyxis flava AB245343
Sphingopyxis soli FJ599671
Sphingopyxis indica KJ726770
Sphingopyxis panaciterrulae EU075217
Sphingopyxis granuli AY563034
Sphingopyxis terrae AB661243
Sphingopyxis ummariensis D13727
Sphingopyxis adhaesivus AB680765
Sphingopyxis witflariensis EF424391
Sphingopyxis rigui AJ416410
Sphingomonas adhaesivus D13722
Sphingorhabdus planktonica HQ436482
Sphingorhabdus wooponensis INS81068
Sphingopyxis contaminans HQ088904
Sphingorhabdus arenilitoris HG436493
Sphingorhabdus marina KJ452169
Sphingorhabdus litoris DQ781320
Sphingorhabdus flavimaris DQ781321
Sphingopyxis baekryungensis AY554010
Sphingopyxis baekryungensis ATUR01000005
Sphingopyxis baekryungensis AY608604
Sphingopyxis baekryungensis ATUR01000002
Sphingopyxis natatoria AB024288
Sphingopyxis natatoria AB680933
Sphingopyxis natatoria AB024289
Blastomonas ursincola Y10677
Blastomonas ursincola FJ999662
Blastomonas phyllosphaerae Y13774
Sphingomonas natatoria KJ528316
Blastomonas aquatica KC759680
Blastomonas arctica KM591917
Parablastomonas aestuariivivum KJ235675
Sphingomicrobium astaxanthinifaciens JX564841
Sphingomicrobium lutaoense EU393854
Sphingomicrobium flavum JX235672
Sphingomicrobium marinum JX878395
alpha proteobacterium AB524074
Parasphingopyxis lamellibrachiae AB158980
Brucella melitensis AF091354
Brucella melitensis AE008918
Brucella melitensis AM180485
Pseudochrobactrum asaccharolyticum AB602531
Bartonella pachyuromydis EU111749
Bartonella rattaustraliani EU128881
Rhizobium vignae GU128881
Rhizobium pakistanense AB854065
Rhizobium indigoferae AF364068
Rhizobium leucaenae EU488741
Sinorhizobium sp Z78203
Shinella fusca FM177879
Mesorhizobium metallidurans CAUM01000060
Mesorhizobium jarvisii KM192335
Zymomonas mobilis AY670647
Zymomonas mobilis CP002850
Zymomonas mobilis CP002850
Zymomonas mobilis AF281031
Zymomonas mobilis AF281032
Zymomonas mobilis CP002865
Zymomonas mobilis CP002865
Zymomonas mobilis CP002865
Zymomonas mobilis AY670649
Zymomonas mobilis AB680511
Polymorphobacter fuscus KF737330
Polymorphobacter multimanifer AB649056
Sphingoaurantiacus polygranulatus KP274054
Sphingomonas arantia KF876174
Sphingomonas formosensis HM193517
Sphingomonas fennica AJ009706
Sphingomonas oligoaromativorans FJ434127
Sphingomonas polyaromativorans EF467848
Sphingomonas mortindae KJ934256
Rhizorhabdus argentea KF437572
Sphingomonas starnbergensis JN591314
Sphingomonas wittichii CP000699
Sphingomonas wittichii CP000699
Sphingomonas wittichii AB021492
Sphingomonas histidinilytica EF530202
Sphingomonas haloaromaticamans X94101
Sphingomonas laterariae HM159118
Hephaestia caeni FJ948169
Stakelama pacifica EU581829
Sphingomonas sanxanigenens DQ789172
Sphingomonas azotifigens AB680881
Sphingomonas sp AB033947
Sphingomonas azotifigens AB217471
Sphingomonas trueperi X97776
Sphingomonas trueperi AB681173
Sphingomonas pituitosa AJ243751
Sphingomonas pituitosa AB681829
Sphingomonas gei KF551181
Sphingomonas naasensis KC735149
Sphingomonas leidyi AJ227812
Sphingomonas leidyi AJ007806
Asticcacaulis biprosthecium AJ007799
Asticcacaulis excentricus AB008391
Sphingomonas kyeonggiensis KC252615
Sphingomonas paucimobilis HE858376
Sphingomonas paucimobilis AB680525
Sphingomonas paucimobilis D16144
Sphingomonas paucimobilis U37337
Sphingomonas paucimobilis AM237364
Sphingomonas sanguinis D84529
Sphingomonas parapaucimobilis D84525
Sphingomonas parapaucimobilis AB680767
Sphingomonas parapaucimobilis D13724
Sphingomonas sanguinis AB680528
Sphingomonas jaburchiae AB071955
Sphingomonas pseudosanguinis AM412238
Sphingomonas phyllosphaerae AY453855
Sphingomonas phyllosphaerae AY870000003
Sphingomonas endophytica HM629444
Sphingomonas yunnanensis AY894691
Sphingomonas adhaesivo D16146
Sphingomonas adhaesiva AB680766
Sphingomonas ginsenosidimutans HM204925
Sphingomonas yanhuiqensis JX566547
Sphingomonas yanhuiqensis EU009873
Sphingomonas sediminis AB426568
Sphingomonas aerophila KC735148
Sphingomonas koreensis AB681117
Sphingomonas desiccabilis AJ871435
Sphingomonas sp Ibu134
Stakelama sediminis AB248305
Sphingomonas mollusconum AB248305
Sphingomonas japonica AB426568
Sphingomonas yanhuiqensis EU009873
Sphingomonas ginsenosidimutans JX566547
Sphingomonas adhaesiva AB680766
Sphingomonas adhaesivo D16146
Sphingomonas yunnanensis AY894691
Sphingomonas phyllosphaerae AY870000003
Sphingomonas phyllosphaerae AY453855
Sphingomonas endophytica HM629444
Sphingomonas jaburchiae AB680528
Sphingomonas pseudosanguinis AM412238
Sphingomonas sanguinis AB071955
Sphingomonas parapaucimobilis D13724
Sphingomonas parapaucimobilis AB680767
Sphingomonas parapaucimobilis D84525
Sphingomonas sanguinis D84529
Sphingomonas paucimobilis AM237364
Sphingomonas paucimobilis U37337
Sphingomonas paucimobilis D16144
Sphingomonas paucimobilis AB680526
Sphingomonas paucimobilis HE858376
Sphingomonas kyeonggiensis KC252615
Sphingomonas leidyi AJ007800
Asticcacaulis excentricus AB008391
Asticcacaulis biprosthecium AJ007799
Sphingomonas leidyi AB008391
Sphingomonas leidyi AJ227812
Sphingomonas sp AB033947
Sphingomonas azotifigens AB680881
Sphingomonas azotifigens AB217471
Sphingomonas trueperi X97776
Sphingomonas trueperi AB681173
Sphingomonas pituitosa AJ243751
Sphingomonas pituitosa AB681829
Sphingomonas gei KF551181
Sphingomonas naasensis KC735149
Hephaestia caeni FJ948169
Stakelama pacifica EU581829
Sphingomonas sanxanigenens DQ789172
Sphingomonas haloaromaticamans X94101
Sphingomonas laterariae HM159118
Sphingomonas histidinilytica EF530202
Sphingomonas wittichii AB021492
Sphingomonas wittichii CP000699
Sphingomonas wittichii CP000699
Rhizorhabdus argentea KF437572
Sphingomonas starnbergensis JN591314
Sphingomonas mortindae KJ934256
Sphingomonas polyaromativorans EF467848
Sphingomonas oligoaromativorans FJ434127
Sphingomonas fennica AJ009706
Sphingomonas formosensis HM193517
Sphingoaurantiacus polygranulatus KP274054
Sphingomonas arantia KF876174
Polymorphobacter multimanifer AB649056
Polymorphobacter fuscus KF737330
Zymomonas mobilis AB680511
Zymomonas mobilis AY670649
Zymomonas mobilis CP002865
Zymomonas mobilis CP002865
Zymomonas mobilis CP002865
Zymomonas mobilis AF281032
Zymomonas mobilis AF281031
Zymomonas mobilis CP002850
Zymomonas mobilis CP002850
Zymomonas mobilis AY670647
Mesorhizobium jarvisii KM192335
Mesorhizobium metallidurans CAUM01000060
Shinella fusca FM177879
Sinorhizobium sp Z78203
Rhizobium leucaenae EU488741
Rhizobium indigoferae AF364068
Rhizobium pakistanense AB854065
Rhizobium vignae GU128881
Bartonella rattaustraliani EU111749
Bartonella pachyuromydis AB602531
Brucella melitensis AE008918
Brucella melitensis AF091354
Parasphingopyxis lamellibrachiae AB524074
alpha proteobacterium JX878395
Sphingomicrobium marinum JX235672
Sphingomicrobium flavum JX393854
Sphingomicrobium lutaoense EU564841
Sphingomicrobium astaxanthinifaciens JX235675
Sphingomicrobium aestuariivivum KM591917
Parablastomonas arctica KC759680
Blastomonas aquatica KJ528316
Sphingomonas natatoria Y13774
Blastomonas phyllosphaerae FJ999662
Blastomonas ursincola Y10677
Sphingopyxis natatoria AB680933
Sphingopyxis natatoria AB024289
Sphingopyxis natatoria AB024288
Sphingopyxis baekryungensis AY608604
Sphingopyxis baekryungensis ATUR01000002
Sphingopyxis baekryungensis ATUR01000005
Sphingorhabdus flavimaris AY554010
Sphingorhabdus pacifica AB936074
Sphingorhabdus litoris DQ781321
Sphingorhabdus marina DQ781320
Sphingorhabdus arenilitoris KJ452169
Sphingopyxis contaminans HQ088904
Sphingorhabdus wooponensis HG436493
Sphingorhabdus planktonica INS81068
Sphingopyxis rigui HQ436482
Sphingopyxis witflariensis AJ416410
Sphingomonas adhaesivus D13722
Sphingopyxis terrae AB680765
Sphingopyxis terrae D13727
Sphingopyxis granuli AB661243
Sphingopyxis granuli AY563034
Sphingopyxis panaciterrulae EU075217
Sphingopyxis soli FJ599671
Sphingopyxis flava KJ726770
Sphingopyxis ginsengisoli AB245343
Sphingopyxis macrogoltabida D13723
Sphingopyxis panaciterrae AB245353
Sphingopyxis chilensis Z73631
Sphingopyxis taejonensis AF367204
Sphingopyxis alaskensis AF131297
Sphingopyxis alaskensis AY337601
Sphingopyxis alaskensis AF378795
Sphingopyxis alaskensis CP000356
Sphingopyxis baekryungensis GQ131578
Sphingopyxis fribergensis CP009122
Sphingopyxis litalica HE648058
Sphingomonas soli FJ425737
Sphingomonas sp AB033949
Novosphingobium lindaniclasticum JN687581
Novosphingobium chloroacetamidivorans AB177883
Novosphingobium fluorens KF460450
Novosphingobium colocasiae HF546595
Novosphingobium pentaromativorans AGFM01000099
Novosphingobium pentaromativorans AF502400
Novosphingobium pentaromativorans KP721487
Novosphingobium gossypii KP637488
Novosphingobium mathurense EF424403
Novosphingobium mathurense EF424402
Novosphingobium mathurense KJ708352
Novosphingobium malaysiense KC907395
Novosphingobium indicum EF349586
Novosphingobium resinovorum X94102
Novosphingobium barchaimii JN695619
Novosphingobium naphthalenivorans AB681685
Novosphingobium chloroacetamidivorans AB177883
Novosphingobium fluorens KF460450
Novosphingobium colocasiae HF546595
Sphingomonas soli FJ425737
Sphingomonas sp AB033949
Sphingopyxis litalica HE648058
Sphingopyxis fribergensis CP009122
Sphingopyxis baekryungensis GQ131578
Sphingopyxis alaskensis CP000356
Sphingopyxis alaskensis AY337601
Sphingopyxis alaskensis AF378795
Sphingopyxis chilensis AF131297
Sphingopyxis panaciterrae AB245353
Sphingopyxis taejonensis AF367204
Sphingopyxis ginsengisoli AB245343
Sphingopyxis macrogoltabida D13723
Sphingopyxis flava KJ726770
Sphingopyxis soli FJ599671
Sphingopyxis panaciterrulae EU075217
Sphingopyxis granuli AY563034
Sphingopyxis granuli AB661243
Sphingopyxis terrae D13727
Sphingopyxis terrae AB680765
Sphingopyxis adhaesivus D13722
Sphingopyxis witflariensis EF424391
Sphingopyxis rigui AJ416410
Sphingomonas adhaesivo D13722
Sphingorhabdus planktonica INS81068
Sphingopyxis wooponensis HG436482
Sphingopyxis contaminans HG088904
Sphingorhabdus arenilitoris KJ452169
Sphingorhabdus marina DQ781320
Sphingorhabdus litoris DQ781321
Sphingopyxis baekryungensis AY554010
Sphingopyxis baekryungensis ATUR01000005
Sphingopyxis baekryungensis AY608604
Sphingopyxis baekryungensis ATUR01000002
Sphingopyxis natatoria AB024288
Sphingopyxis natatoria AB680933
Sphingopyxis natatoria AB024289
Blastomonas ursincola Y10677
Blastomonas ursincola FJ999662
Blastomonas phyllosphaerae Y13774
Sphingomonas natatoria KJ528316
Blastomonas aquatica KC759680
Blastomonas arctica KM591917
Parablastomonas aestuariivivum KJ235675
Sphingomicrobium astaxanthinifaciens JX564841
Sphingomicrobium lutaoense EU393854
Sphingomicrobium flavum JX235672
Sphingomicrobium marinum JX878395
alpha proteobacterium AB524074
Parasphingopyxis lamellibrachiae AB158980
Brucella melitensis AF091354
Brucella melitensis AE008918
Brucella melitensis AM180485
Pseudochrobactrum asaccharolyticum AB602531
Bartonella pachyuromydis EU111749
Bartonella rattaustraliani EU128881
Rhizobium vignae GU128881
Rhizobium pakistanense AB854065
Rhizobium indigoferae AF364068
Rhizobium leucaenae EU488741
Sinorhizobium sp Z78203
Shinella fusca FM177879
Mesorhizobium metallidurans CAUM01000060
Mesorhizobium jarvisii KM192335
Zymomonas mobilis AY670647
Zymomonas mobilis CP002850
Zymomonas mobilis CP002850
Zymomonas mobilis AF281031
Zymomonas mobilis AF281032
Zymomonas mobilis CP002865
Zymomonas mobilis CP002865
Zymomonas mobilis CP002865
Zymomonas mobilis AY670649
Zymomonas mobilis AB680511
Polymorphobacter fuscus KF737330
Polymorphobacter multimanifer AB649056
Sphingoaurantiacus polygranulatus KP274054
Sphingomonas arantia KF876174
Sphingomonas formosensis HM193517
Sphingomonas fennica AJ009706
Sphingomonas oligoaromativorans FJ434127
Sphingomonas polyaromativorans EF467848
Sphingomonas mortindae KJ934256
Rhizorhabdus argentea KF437572
Sphingomonas starnbergensis JN591314
Sphingomonas wittichii CP000699
Sphingomonas wittichii CP000699
Sphingomonas wittichii AB021492
Sphingomonas histidinilytica EF530202
Sphingomonas haloaromaticamans X94101
Sphingomonas laterariae HM159118
Hephaestia caeni FJ948169
Stakelama pacifica EU581829
Sphingomonas sanxanigenens DQ789172
Sphingomonas azotifigens AB680881
Sphingomonas sp AB033947
Sphingomonas azotifigens AB217471
Sphingomonas trueperi X97776
Sphingomonas trueperi AB681173
Sphingomonas pituitosa AJ243751
Sphingomonas pituitosa AB681829
Sphingomonas gei KF551181
Sphingomonas naasensis KC735149
Sphingomonas leidyi AJ227812
Sphingomonas leidyi AJ007806
Asticcacaulis biprosthecium AJ007799
Asticcacaulis excentricus AB008391
Sphingomonas kyeonggiensis KC252615
Sphingomonas paucimobilis HE858376
Sphingomonas paucimobilis AB680525
Sphingomonas paucimobilis D16144
Sphingomonas paucimobilis U37337
Sphingomonas paucimobilis AM237364
Sphingomonas sanguinis D84529
Sphingomonas parapaucimobilis D84525
Sphingomonas parapaucimobilis AB680767
Sphingomonas parapaucimobilis D13724
Sphingomonas sanguinis AB680528
Sphingomonas jaburchiae AB071955
Sphingomonas pseudosanguinis AM412238
Sphingomonas phyllosphaerae AY453855
Sphingomonas phyllosphaerae AY870000003
Sphingomonas endophytica HM629444
Sphingomonas yunnanensis AY894691
Sphingomonas adhaesivo D16146
Sphingomonas adhaesiva AB680766
Sphingomonas ginsenosidimutans HM204925
Sphingomonas yanhuiqensis JX566547
Sphingomonas yanhuiqensis EU009873
Sphingomonas sediminis AB426568
Sphingomonas aerophila KC735148
Sphingomonas koreensis AB681117
Sphingomonas desiccabilis AJ871435
Sphingomonas sp Ibu134
Stakelama sediminis AB248305
Sphingomonas mollusconum AB248305
Sphingomonas japonica AB426568
Sphingomonas yanhuiqensis EU009873
Sphingomonas ginsenosidimutans JX566547
Sphingomonas adhaesiva AB680766
Sphingomonas adhaesivo D16146
Sphingomonas yunnanensis AY894691
Sphingomonas phyllosphaerae AY870000003
Sphingomonas phyllosphaerae AY453855
Sphingomonas endophytica HM629444
Sphingomonas jaburchiae AB680528
Sphingomonas pseudosanguinis AM412238
Sphingomonas sanguinis AB071955
Sphingomonas parapaucimobilis D13724
Sphingomonas parapaucimobilis AB680767
Sphingomonas parapaucimobilis D84525
Sphingomonas sanguinis D84529
Sphingomonas paucimobilis AM237364
Sphingomonas paucimobilis U37337
Sphingomonas paucimobilis D16144
Sphingomonas paucimobilis AB680526
Sphingomonas paucimobilis HE858376
Sphingomonas kyeonggiensis KC252615
Sphingomonas leidyi AJ007800
Asticcacaulis excentricus AB008391
Asticcacaulis biprosthecium AJ007799
Sphingomonas leidyi AB008391
Sphingomonas leidyi AJ227812
Sphingomonas sp AB033947
Sphingomonas azotifigens AB680881
Sphingomonas azotifigens AB217471
Sphingomonas trueperi X97776
Sphingomonas trueperi AB681173
Sphingomonas pituitosa AJ243751
Sphingomonas pituitosa AB681829
Sphingomonas gei KF551181
Sphingomonas naasensis KC735149
Hephaestia caeni FJ948169
Stakelama pacifica EU581829
Sphingomonas sanxanigenens DQ789172
Sphingomonas haloaromaticamans X94101
Sphingomonas laterariae HM159118
Sphingomonas histidinilytica EF530202
Sphingomonas wittichii AB021492
Sphingomonas wittichii CP000699
Sphingomonas wittichii CP000699
Rhizorhabdus argentea KF437572
Sphingomonas starnbergensis JN591314
Sphingomonas mortindae KJ934256
Sphingomonas polyaromativorans EF467848
Sphingomonas oligoaromativorans FJ434127
Sphingomonas fennica AJ009706
Sphingomonas formosensis HM193517
Sphingoaurantiacus polygranulatus KP274054
Sphingomonas arantia KF876174
Polymorphobacter multimanifer AB649056
Polymorphobacter fuscus KF737330
Zymomonas mobilis AB680511
Zymomonas mobilis AY670649
Zymomonas mobilis CP002865
Zymomonas mobilis CP002865
Zymomonas mobilis CP002865
Zymomonas mobilis AF281032
Zymomonas mobilis AF281031
Zymomonas mobilis CP002850
Zymomonas mobilis CP002850
Zymomonas mobilis AY670647
Mesorhizobium jarvisii KM192335
Mesorhizobium metallidurans CAUM01000060
Shinella fusca FM177879
Sinorhizobium sp Z78203
Rhizobium leucaenae EU488741
Rhizobium indigoferae AF364068
Rhizobium pakistanense AB854065
Rhizobium vignae GU128881
Bartonella rattaustraliani EU111749
Bartonella pachyuromydis AB602531
Brucella melitensis AE008918
Brucella melitensis AF091354
Parasphingopyxis lamellibrachiae AB524074
alpha proteobacterium JX878395
Sphingomicrobium marinum JX235672
Sphingomicrobium flavum JX393854
Sphingomicrobium lutaoense EU564841
Sphingomicrobium astaxanthinifaciens JX235675
Sphingomicrobium aestuariivivum KM591917
Parablastomonas arctica KC759680
Blastomonas aquatica KJ528316
Sphingomonas natatoria Y13774
Blastomonas phyllosphaerae FJ999662
Blastomonas ursincola Y10677
Sphingopyxis natatoria AB680933
Sphingopyxis natatoria AB024289
Sphingopyxis natatoria AB024288
Sphingopyxis baekryungensis AY608604
Sphingopyxis baekryungensis ATUR01000002
Sphingopyxis baekryungensis ATUR01000005
Sphingorhabdus flavimaris AY554010
Sphingorhabdus pacifica AB936074
Sphingorhabdus litoris DQ781321
Sphingorhabdus marina DQ781320
Sphingorhabdus arenilitoris KJ452169
Sphingopyxis contaminans HQ088904
Sphingorhabdus wooponensis HG436493
Sphingorhabdus planktonica INS81068
Sphingopyxis rigui HQ436482
Sphingopyxis witflariensis AJ416410
Sphingomonas adhaesivus D13722
Sphingopyxis terrae AB680765
Sphingopyxis terrae D13727
Sphingopyxis granuli AB661243
Sphingopyxis granuli AY563034
Sphingopyxis panaciterrulae EU075217
Sphingopyxis soli FJ599671
Sphingopyxis flava KJ726770
Sphingopyxis ginsengisoli AB245343
Sphingopyxis macrogoltabida D13723
Sphingopyxis panaciterrae AB245353
Sphingopyxis chilensis Z73631
Sphingopyxis taejonensis AF367204
Sphingopyxis alaskensis AF131297
Sphingopyxis alaskensis AY337601
Sphingopyxis alaskensis AF378795
Sphingopyxis alaskensis CP000356
Sphingopyxis baekryungensis GQ131578
Sphingopyxis fribergensis CP009122
Sphingopyxis litalica HE648058
Sphingomonas soli FJ425737
Sphingomonas sp AB033949
Novosphingobium lindaniclasticum JN687581
Novosphingobium chloroacetamidivorans AB177883
Novosphingobium fluorens KF460450
Novosphingobium colocasiae HF546595
Novosphingobium pentaromativorans AGFM01000099
Novosphingobium pentaromativorans AF502400
Novosphingobium pentaromativorans KP721487
Novosphingobium gossypii KP637488
Novosphingobium mathurense EF424403
Novosphingobium mathurense EF424402
Novosphingobium mathurense KJ708352
Novosphingobium malaysiense KC907395
Novosphingobium indicum EF349586
Novosphingobium resinovorum X94102
Novosphingobium barchaimii JN695619
Novosphingobium naphthalenivorans AB681685
Novosphingobium chloroacetamidivorans AB177883
Novosphingobium fluorens KF460450
Novosphingobium colocasiae HF546595
Sphingomonas soli FJ425737
Sphingomonas sp AB033949
Sphingopyxis litalica HE648058
Sphingopyxis fribergensis CP009122
Sphingopyxis baekryungensis GQ131578
Sphingopyxis alaskensis CP000356
Sphingopyxis alaskensis AY337601
Sphingopyxis alaskensis AF378795
Sphingopyxis chilensis AF131297
Sphingopyxis panaciterrae AB245353
Sphingopyxis taejonensis AF367204
Sphingopyxis ginsengisoli AB245343
Sphingopyxis macrogoltabida D13723
Sphingopyxis flava KJ726770
Sphingopyxis soli FJ599671
Sphingopyxis panaciterrulae EU075217
Sphingopyxis granuli AY563034
Sphingopyxis granuli AB661243
Sphingopyxis terrae D13727
Sphingopyxis terrae AB680765
Sphingopyxis adhaesivus D13722
Sphingopyxis witflariensis EF424391
Sphingopyxis rigui AJ416410
Sphingomonas adhaesivo D13722
Sphingorhabdus planktonica INS81068
Sphingopyxis wooponensis HG436482
Sphingopyxis contaminans HQ088904
Sphingorhabdus arenilitoris KJ452169
Sphingorhabdus marina DQ781320
Sphingorhabdus litoris DQ781321
Sphingopyxis baekryungensis AY554010
Sphingopyxis baekryungensis ATUR01000005
Sphingopyxis baekryungensis AY608604
Sphingopyxis baekryungensis ATUR01000002
Sphingopyxis natatoria AB024288
Sphingopyxis natatoria AB680933
Sphingopyxis natatoria AB024289
Blastomonas ursincola Y10677
Blastomonas ursincola FJ999662
Blastomonas phyllosphaerae Y13774
Sphingomonas natatoria KJ528316
Blastomonas aquatica KC759680
Blastomonas arctica KM591917
Parablastomonas aestuariivivum KJ235675
Sphingomicrobium astaxanthinifaciens JX564841
Sphingomicrobium lutaoense EU393854
Sphingomicrobium flavum JX235672
Sphingomicrobium marinum JX878395
alpha proteobacterium AB524074
Parasphingopyxis lamellibrachiae AB158980
Brucella melitensis AF091354
Brucella melitensis AE008918
Brucella melitensis AM180485
Pseudochrobactrum asaccharolyticum AB602531
Bartonella pachyuromydis EU111749
Bartonella rattaustraliani EU128881
Rhizobium vignae GU128881
Rhizobium pakistanense AB854065
Rhizobium indigoferae AF364068
Rhizobium leucaenae EU488741
Sinorhizobium sp Z78203
Shinella fusca FM177879
Mesorhizobium metallidurans CAUM01000060
Mesorhizobium jarvisii KM192335
Zymomonas mobilis AY670647
Zymomonas mobilis CP002850
Zymomonas mobilis CP002850
Zymomonas mobilis AF281031
Zymomonas mobilis AF281032
Zymomonas mobilis CP002865
Zymomonas mobilis CP002865
Zymomonas mobilis CP002865
Zymomonas mobilis AY670649
Zymomonas mobilis AB680511
Polymorphobacter fuscus KF737330
Polymorphobacter multimanifer AB649056
Sphingoaurantiacus polygranulatus KP274054
Sphingomonas arantia KF876174
Sphingomonas formosensis HM193517
Sphingomonas fennica AJ009706
Sphingomonas oligoaromativorans FJ434127
Sphingomonas polyaromativorans EF467848
Sphingomonas mortindae KJ934256
Rhizorhabdus argentea KF437572
Sphingomonas starnbergensis JN591314
Sphingomonas wittichii CP000699
Sphingomonas wittichii CP000699
Sphingomonas wittichii AB021492
Sphingomonas histidinilytica EF530202
Sphingomonas haloaromaticamans X94101
Sphingomonas laterariae HM159118
Hephaestia caeni FJ948169
Stakelama pacifica EU581829
Sphingomonas sanxanigenens DQ789172
Sphingomonas azotifigens AB680881
Sphingomonas sp AB033947
Sphingomonas azotifigens AB217471
Sphingomonas trueperi X97776
Sphingomonas trueperi AB681173
Sphingomonas pituitosa AJ243751
Sphingomonas pituitosa AB681829
Sphingomonas gei KF551181
Sphingomonas naasensis KC735149
Sphingomonas leidyi AJ227812
Sphingomonas leidyi AJ007806
Asticcacaulis biprosthecium AJ007799
Asticcacaulis excentricus AB008391
Sphingomonas kyeonggiensis KC252615
Sphingomonas paucimobilis HE858376
Sphingomonas paucimobilis AB680525
Sphingomonas paucimobilis D16144
Sphingomonas paucimobilis U37337
Sphingomonas paucimobilis AM237364
Sphingomonas sanguinis D84529
Sphingomonas parapaucimobilis D84525
Sphingomonas parapaucimobilis AB680767
Sphingomonas parapaucimobilis D13724
Sphingomonas sanguinis AB680528
Sphingomonas jaburchiae AB071955
Sphingomonas pseudosanguinis AM412238
Sphingomonas phyllosphaerae AY453855
Sphingomonas phyllosphaerae AY870000003
Sphingomonas endophytica HM629444
Sphingomonas yunnanensis AY894691
Sphingomonas adhaesivo D16146
Sphingomonas adhaesiva AB680766
Sphingomonas ginsenosidimutans HM204925
Sphingomonas yanhuiqensis JX566547
Sphingomonas yanhuiqensis EU009873
Sphingomonas sediminis AB426568
Sphingomonas aerophila KC735148
Sphingomonas koreensis AB681117
Sphingomonas desiccabilis AJ871435
Sphingomonas sp Ibu134
Stakelama sediminis AB248305
Sphingomonas mollusconum AB248305
Sphingomonas japonica AB426568
Sphingomonas yanhuiqensis EU009873
Sphingomonas ginsenosidimutans JX566547
Sphingomonas adhaesiva AB680766
Sphingomonas adhaesivo D16146
Sphingomonas yunnanensis AY894691
Sphingomonas phyllosphaerae AY870000003
Sphingomonas phyllosphaerae AY453855
Sphingomonas endophytica HM629444
Sphingomonas jaburchiae AB680528
Sphingomonas pseudosanguinis AM412238
Sphingomonas sanguinis AB071955
Sphingomonas parapaucimobilis D13724
Sphingomonas parapaucimobilis AB680767
Sphingomonas parapaucimobilis D84525
Sphingomonas sanguinis D84529
Sphingomonas paucimobilis AM237364
Sphingomonas paucimobilis U37337
Sphingomonas paucimobilis D16144
Sphingomonas paucimobilis AB680526
Sphingomonas paucimobilis HE858376
Sphingomonas kyeonggiensis KC252615
Sphingomonas leidyi AJ007800
Asticcacaulis excentricus AB008391
Asticcacaulis biprosthecium AJ007799
Sphingomonas leidyi AB008391
Sphingomonas leidyi AJ227812
Sphingomonas sp AB033947
Sphingomonas azotifigens AB680881
Sphingomonas azotifigens AB217471
Sphingomonas trueperi X97776
Sphingomonas trueperi AB681173
Sphingomonas pituitosa AJ243751
Sphingomonas pituitosa AB681829
Sphingomonas gei KF551181
Sphingomonas naasensis KC735149
Hephaestia caeni FJ948169
Stakelama pacifica EU581829
Sphingomonas sanxanigenens DQ789172
Sphingomonas haloaromaticamans X94101
Sphingomonas laterariae HM159118
Sphingomonas histidinilytica EF530202
Sphingomonas wittichii AB021492
Sphingomonas wittichii CP000699
Sphingomonas wittichii CP000699
Rhizorhabdus argentea KF437572
Sphingomonas starnbergensis JN591314
Sphingomonas mortindae KJ934256
Sphingomonas polyaromativorans EF467848
Sphingomonas oligoaromativorans FJ434127
Sphingomonas fennica AJ009706
Sphingomonas formosensis HM193517
Sphingoaurantiacus polygranulatus KP274054
Sphingomonas arantia KF876174
Polymorphobacter multimanifer AB649056
Polymorphobacter fuscus KF737330
Zymomonas mobilis AB680511
Zymomonas mobilis AY670649
Zymomonas mobilis CP002865
Zymomonas mobilis CP002865
Zymomonas mobilis CP002865
Zymomonas mobilis AF281032
Zymomonas mobilis AF281031
Zymomonas mobilis CP002850
Zymomonas mobilis CP002850
Zymomonas mobilis AY670647
Mesorhizobium jarvisii KM192335
Mesorhizobium metallidurans CAUM01000060
Shinella fusca FM177879
Sinorhizobium sp Z78203
Rhizobium leucaenae EU488741
Rhizobium indigoferae AF364068
Rhizobium pakistanense AB854065
Rhizobium vignae GU128881
Bartonella rattaustraliani EU111749
Bartonella pachyuromydis AB602531
Brucella melitensis AE008918
Brucella melitensis AF091354
Parasphingopyxis lamellibrachiae AB524074
alpha proteobacterium JX878395
Sphingomicrobium marinum JX235672
Sphingomicrobium flavum JX393854
Sphingomicrobium lutaoense EU564841
Sphingomicrobium astaxanthinifaciens JX235675
Sphingomicrobium aestuariivivum KM591917
Parablastomonas arctica KC759680
Blastomonas aquatica KJ528316
Sphingomonas natatoria Y13774
Blastomonas phyllosphaerae FJ999662
Blastomonas ursincola Y10677
Sphingopyxis natatoria AB680933
Sphingopyxis natatoria AB024289
Sphingopyxis natatoria AB024288
Sphingopyxis baekryungensis AY608604
Sphingopyxis baekryungensis ATUR01000002
Sphingopyxis baekryungensis ATUR01000005
Sphingorhabdus flavimaris AY554010
Sphingorhabdus pacifica AB936074
Sphingorhabdus litoris DQ781321
Sphingorhabdus marina DQ781320
Sphingorhabdus arenilitoris KJ452169
Sphingopyxis contaminans HQ088904
Sphingorhabdus wooponensis HG436493
Sphingorhabdus planktonica INS81068
Sphingopyxis rigui HQ436482
Sphingopyxis witflariensis AJ416410
Sphingomonas adhaesivus D13722
Sphingopyxis terrae AB680765
Sphingopyxis terrae D13727
Sphingopyxis granuli AB661243
Sphingopyxis granuli AY563034
Sphingopyxis panaciterrulae EU075217
Sphingopyxis soli FJ599671
Sphingopyxis flava KJ726770
Sphingopyxis ginsengisoli AB245343
Sphingopyxis macrogoltabida D13723
Sphingopyxis panaciterrae AB245353
Sphingopyxis chilensis Z73631
Sphingopyxis taejonensis AF367204
Sphingopyxis alaskensis AF131297
Sphingopyxis alaskensis AY337601
Sphingopyxis alaskensis AF378795
Sphingopyxis alaskensis CP000356
Sphingopyxis baekryungensis GQ131578
Sphingopyxis fribergensis CP009122
Sphingopyxis litalica HE648058
Sphingomonas soli FJ425737
Sphingomonas sp AB033949
Novosphingobium lindaniclasticum JN687581
Novosphingobium chloroacetamidivorans AB177883
Novosphingobium fluorens KF460450
Novosphingobium colocasiae HF546595
Novosphingobium pentaromativorans AGFM01000099
Novosphingobium pentaromativorans AF502400
Novosphingobium pentaromativorans KP721487
Novosphingobium gossypii KP637488
Novosphingobium mathurense EF424403
Novosphingobium mathurense EF424402
Novosphingobium mathurense KJ708352
Novosphingobium malaysiense KC907395
Novosphingobium indicum EF349586
Novosphingobium resinovorum X94102
Novosphingobium barchaimii JN695619
Novosphingobium naphthalenivorans AB681685
Novosphingobium chloroacetamidivorans AB177883
Novosphingobium fluorens KF460450
Novosphingobium colocasiae HF546595
Sphingomonas soli FJ425737
Sphingomonas sp AB033949
Sphingopyxis litalica HE648058
Sphingopyxis fribergensis CP009122
Sphingopyxis baekryungensis GQ131578
Sphingopyxis alaskensis CP000356
Sphingopyxis alaskensis AY337601
Sphingopyxis alaskensis AF378795
Sphingopyxis chilensis AF131297
Sphingopyxis panaciterrae AB245353
Sphingopyxis taejonensis AF367204
Sphingopyxis ginsengisoli AB245343
Sphingopyxis macrogoltabida D13723
Sphingopyxis flava KJ726770
Sphingopyxis soli FJ599671
Sphingopyxis panaciterrulae EU075217
Sphingopyxis granuli AY563034
Sphingopyxis granuli AB661243
Sphingopyxis terrae D13727
Sphingopyxis terrae AB680765
Sphingopyxis adhaesivus D13722
Sphingopyxis witflariensis EF424391
Sphingopyxis rigui AJ416410
Sphingomonas adhaesivo D13722
Sphingorhabdus planktonica INS81068
Sphingopyxis wooponensis HG436482
Sphingopyxis contaminans HQ088904
Sphingorhabdus arenilitoris KJ452169
Sphingorhabdus marina DQ781320
Sphingorhabdus litoris DQ781321
Sphingopyxis baekryungensis AY554010
Sphingopyxis baekryungensis ATUR01000005
Sphingopyxis baekryungensis AY608604
Sphingopyxis baekryungensis ATUR01000002
Sphingopyxis natatoria AB024288
Sphingopyxis natatoria AB680933
Sphingopyxis natatoria AB024289
Blastomonas ursincola Y10677
Blastomonas ursincola FJ999662
Blastomonas phyllosphaerae Y13774
Sphingomonas natatoria KJ528316
Blastomonas aquatica KC759680
Blastomonas arctica KM591917
Parablastomonas aestuariivivum KJ235675
Sphingomicrobium astaxanthinifaciens JX564841
Sphingomicrobium lutaoense EU393854
Sphingomicrobium flavum JX235672
Sphingomicrobium marinum JX878395
alpha proteobacterium A

Weeksellaceae



Xanthomonadaceae